

# The ammunition for modelling

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# The ammunition for modelling

The difference between an average modeller and excellent modeller is not based on the tools used by each of them, nor is it based on the airbrush, paints, or models that they purchase. What really makes a modeler different from the others is their "experience". The experience is not limited to models, but includes all things in life. Experience makes us evolve, improve, move forward, discover new worlds, and take aim at new targets. In short, our experiences make us better in all aspects of life. Everything a modeler needs to make better models can be discovered through experience. Unfortunately for modelers, experience is always linked to time and time is the most limited resource in our lives.

AMMO of Mig Jimenez is now, without a doubt, the most experienced company in the world in weathering products and modeling effects. All of this experience is now within your reach, in the most comprehensive collection of modeling products available, created and perfected over many years through the hard work and experiences of a modeler: Mig Jimenez.

A lifetime dedicated to the development of techniques for modeling, teaching, and disseminating many techniques and tricks, has resulted in a number of products that have been perfected through natural selection. From the creation of his first company the experience gained through the many years of product development has resulted in the final collection, AMMO: of Mig Jimenez. Here each product is a refinement of the above, where all of the details have been improved, where formulas have been adjusted for maximum quality, performance, and efficiency to meet the demands of even the most experienced and talented modelers.

Only with AMMO you can cover all of your needs, from primers and accurate base colors to more realistic and stunning weathering. You no longer need to waste time looking for mixtures, mixing ratios, or problem solving. You can absorb and utilize all the experience of decades instantly, leaving you free to concentrate on creating your models. And this is what all creative modellers seek in the end: the fastest route between the idea and the final model. AMMO is the highway that connects your ideas to excellent final results.

So the entire AMMO team is proud to bring you only the best, the top of the pyramid, the most powerful ammunition for the most accurate results.

We are the ammunition of modeling and we will be in the field with you now – as we have been in the past - bringing your imagination and your models together.

La diferencia entre un modelista normal y un modelista excelente no está basada en las herramientas usadas por cada uno de ellos. Tampoco en las habilidades, ni en el aerógrafo que use cada uno, ni en las pinturas, ni en la marca de maquetas que cada uno compra. Lo que realmente hace diferente a un modelista es la "experiencia". Pero la experiencia no es sólo propia del modelismo, sino de todas las cosas en la vida. La experiencia nos hace evolucionar, ser mejores, avanzar, descubrir nuevos mundos, nuevas metas. En definitiva, la experiencia nos hace mejores en la vida. Todo lo que un modelista necesita para hacer mejores maquetas es experiencia. Pero la experiencia siempre va unida al tiempo y el tiempo es el elemento más escaso en nuestra vida.

AMMO of Mig Jimenez es ahora mismo, sin ninguna duda, la empresa más experimentada del mundo en productos para envejecido y efectos en el modelismo. Y toda esa experiencia está ahora a tu alcance, en la colección más perfecta de productos para modelismo creada a lo largo de muchos años de esfuerzo y experiencia por un sólo modelista: Mig Jimenez.

Toda una vida dedicada a desarrollar técnicas para modelismo, a enseñar y divulgar multitud de técnicas y trucos, han dado como resultado una serie de productos que han pasado por una selección natural. Desde los orígenes de la creación de su primera empresa el resultado de todos esos años de desarrollo de productos ha desembocado en su colección definitiva, AMMO, donde cada uno de los productos es un refinamiento de todo lo anterior, donde se han cuidado todos los detalles, se han mejorado las fórmulas y se han ajustado todos los aspectos de calidad, producción y eficacia para satisfacer a los modelistas más exigentes.

Solamente con AMMO, podrás cubrir todas tus necesidades, desde las imprimaciones y colores base hasta los acabados más realistas e impresionantes. Ya no necesitarás perder tiempo buscando o haciendo mezclas o solucionando problemas. Podrás absorber toda la experiencia de décadas al instante, para que te puedas concentrar en crear. Y esa creación es lo que todos los modelistas buscan en definitiva, el camino más rápido entre la idea y el modelo final. Y AMMO es la autopista que los une.

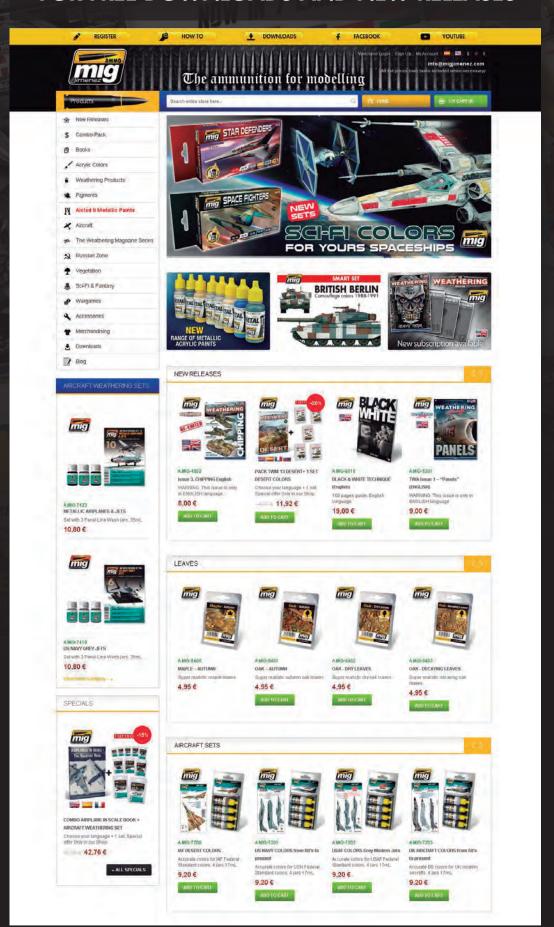
Por eso, todo el equipo de AMMO está orgulloso de ofrecerte sólo lo mejor, la punta de la pirámide, la munición más exclusiva para un tirador de élite como tú.

Somos la munición del modelismo y estaremos en el campo de batalla junto a ti. Aunque en realidad siempre hemos estado.

Mig Jimenez

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Model by Mig Jimenez

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High quality water base acrylic paints. Each color has been analysed, research and develop by experts for maximum accuracy to real subject that allow us to obtain the correct colors in our model kits. Our range is specially formulated for maximum brush & airbrush performance in just one bottle. 17ml jar. Each jar includes a dropper and a stainless steel agitator to facilitate mixture. Water soluble, odorless, non-flamable and non-toxic. Shake thoroughly before each use. We recommend A.MIG-2000 Acrylic Thinner for thinning if necessary and A.MIG-2016 Transparator for semi-transparent coats. Dries completely in 24 hours in a high resistant coat.

Pintura acrílica base agua de la más alta calidad. Cada color ha sido analizado, investigado y desarrollado por expertos para obtener la máxima fidelidad al color real y poder obtener el color exacto en nuestras maquetas. Nuestra gama está desarrollada para obtener los máximos resultados tanto a aerógrafo como a pincel comprando un solo bote. Cada bote de 17 mL incluye un dosificador y un agitador de acero inoxidable para facilitar el mezclado. Solubles en agua, inodoras, no inflamables y no toxicas. Agitar completamente antes de usar. Recomendamos diluir con A.MIG-2000 Acrylic Thinner en caso de necesidad y A.MIG-2016 Transparator para obtener capas semitransparentes. Secan completamente en 24 horas en un capa de alta resistencia.

### A.MIG-7107

### **SOVIET CAMOUFLAGES SET**

Soviet tanks colors from 1935 to 1945

Acrylic paints set for the Red Army vehicles during the 1935-1945 period. Includes the widely used green khaki 4BÓ, the 7K sand, 6K brown, and two green colors of interwar period also seen at the beginning of World War II: the 3BAU and a green protective coating. This set also includes the new product A.MIG 024 for winter camouflage. This product is made from the same formula as the product used in reality by the Soviet Army, so it can be chipped and washed away as it actually occurred in real vehicles.

Included colors: A.MIG-019 4BO RUSSIAN GREEN A.MIG-022 3B AU BASIC PROTECTOR
A.MIG-020 6K RUSSIAN BROWM ALKIDNO-URETANOVAYA

A.MIG-021 7K RUSSIAN TAN

A.MIG-023 PROTECTIVE GREEN A.MIG-024 WASHABLE WHITE CAMO



**MODERN RUSSIAN COLORS SET** Colors used by the Russian AVFs in the actual days

Acrylic paints set for paintings modern Russian vehicles. Includes green khaki tone, oil ocher, grey, light green khaki, yellow grey and black. These colors are some of the ones used by the Russian vehicles in the last years. Combinations of these colors are almost endless in the real tanks although in the box we include some suggestions. Modern Russian colors are very difficult to classify and identify mainly due to an extensive range of used colors in recent years. But this choice has been carefully prepared by experts from Ukraine and Russia.

Included colors: **A.MIG-046** MATT BLACK A.MIG-055 OIL OCHRE A.MIG-056 GREEN KHAKI A.MIG-057 YELLOW GREY
A.MIG-058 LIGHT GREEN KHAKI
A.MIG-059 GREY





### MIG-7100

**EARLY GERMAN COLORS SET** 

Camouflage colors used from 1939 to 1944

Set for painting German Army vehicles, especially the colors used from 1939 until the end of 1944. With this set modellers can paint German tanks without complex mixtures or hours of intensive research.

 A.MIG-002
 RAL 6003 OLIVGRÜN OPT.2
 A.MIG-015
 RAL 8017 SCHOKOBRAUN

 A.MIG-010
 RAL 7021 DUNKELGEAU
 A.MIG-017
 RAL 9001 CREMEWEISS

 A.MIG-010
 RAL 7028 DUNKELGELB (MID WAR)
 A.MIG-018
 WAFFEN SS - POLIZEI GRÜN

 Included colors: **A.MIG-002** RAL 6003 OLIVGRÜN OPT.2



### A.MIG-7101

LATE GERMAN CAMOUFLAGES SET Camouflage colors used in 1944 and 1945

In late 1944, the German army introduced new rules and new variants in the colors used for painting their vehicles. With this set modellers can paint German late war tanks without complex mixtures thanks to our extensive historical research.

Included colors: **A.MIG-001** RAL 6003 OLIVGRÜN OPT.1 **A.MIG-011** RAL 7028 DUNKELGELB AUS '44 DG I **A.MIG-003** RAL 6011 RESEDAGRÜN **A.MIG-012** RAL 7028 DUNKELGELB AUS '44 DG III **A.MIG-004** RAL 6011 B RESEDAGRÜN **A.MIG-014** RAL 8012 ROTBRAUN



### A.MIG-7112

**TOOLS COLORS SET** 

Basic colors to paint the tools of your tanks Aarylic paints 6 jars.  $17 \, \text{ml}$ 

Acrylic set for painting the wooden handles of tools other types of wooden finishes. The set includes three wooden tones, one metallic paint and Bakelite color as used on some tools, such as German WWII shears. Finally, the set includes a helpful dark brown color that can be used to create shadows and grain on wood and rust on rust metal parts.

Included colors: **A.MIG-036** OLD WOOD **A.MIG-043** SHADOW RUST **A.MIG-045** GUN METAL

A.MIG-038 LIGHT WOOD A.MIG-913 RED BROWN BASE



### A.MIG-7113

YOM KIPPUR WAR COLORS SET
Egyptian and Syrian camouflage colors from 1967 to today

Acrylic set with the appropriate colors for painting Syrian and Egyptian vehicles from 1967 to present day; especially those used in the Yom Kippur War in 1973. The colors in this set are completely researched, allowing modellers to paint attractive Arab tanks camouflages without complex mixtures.

Included colors: A.MIG 029 DESERT SAND

A.MIG 030 SAND YELLOW

A.MIG 911 GREY SHINE

A.MIG 931 RUSSIAN DARK BASE

A.MIG 914 RED BROWN LIGHT



### MIG-7105

**TIRES & TRACKS** 

Acrylic paint set to paint rubber tires and rusty and dusty tracks. Acrylic paints 6 jars. 17 ml

Acrylic set for painting rubber tires and tracks for all vehicles. This set includes two rubber tones, A.Mig-032 Satin Black for new tires and rubber surfaces, and A.Mig-033 Rubber & Tires for old rubber surfaces. Use A.Mig-034 Rust Tracks and A.Mig-035 Dark Tracks to paint tracks of all kinds. This set also includes A.Mig-072 Dust and A.Mig-073 Earth to add dirt effects on the wheels and trucks.

Included colors: A.MIG-032 SATIN BLACK

A.MIG-032 SATIN BLACK
A.MIG-033 RUBBER & TIRES
A.MIG-034 RUST TRACKS
A.MIG-073 EARTH

A.MIG-035 DARK TRACKS





### **RUST EFFECTS COLORS**

Acrylic paint set for rust, chipping and all corrosion effects.

Acrylic water based paint set for rust, chipping, and all types of corrosion effects. The set includes five rusty tones with a matt finish to create a rusty surface. It also includes A.Mig-044 which is a helpful dark brown color in a satin finish to obtain dark/rusted steel chipping effects for tanks and any other kind of steel vehicles.

A.MIG-041 DARK RUST A.MIG-044 CHIPPING



### A.MIG-7110

### WW I & WW II FRENCH CAMOUFLAGE COLORS

Accurate colors for French WW I & WW II.

Acrylic water based paint set for painting French vehicles from 1916 to 1940. This set includes the six most common colors used by the French army with Scale Reduction Effect, which allows us to obtain the correct color on our scale models.



### A.MIG-7111

### **WW I BRITISH & GERMAN COLORS**

Accurate colors for WW I British & German. Acrylic paints. 6 jars of 17 ml.

Acrylic water based paint for painting WW I German and UK vehicles.

- A.MIG 077 Dull Green, A.MIG 078 Ochre Earth and A.MIG-079 Clay Brown for German vehicles.
- A.MIG 074 Green Moss for most of the UK vehicles during WW I.
   A.MIG-075 Stone Grey, A.MIG-076 Brown Soil and A.MIG 078 Ochre Earth for Solomon paint scheme of UK vehicles deployed in Europe.

Paints include Scale Reduction Effect, which allows us to obtain the correct color on our models.



### **INTERIOR COLORS: GERMAN TANKS**

Accurate colors for interiors of German Tanks.

Specific set for painting the interior colors of WWII German vehicles.

A.MIG-014 RAL 8012 Rotbraun: used for the floor and other areas such as engine deck etc.
A.MIG-017 RAL 9001 Cremeweiss: Standard color to paint interiors of any close-casemate German vehicle.

A.MIG-080 BRIGHT GREEN: Color used to for gear boxes and other mechanical parts.

A.MIG-096 Crystal PERISCOPE GREEN (and tail light on): Crystal product perfect to paint periscopes.

A.MIG-908 Grey Base: color used on engines, transmissions, levers, and other mechanical parts.

A.MIG-912 Red Brown Shadow: color to paint any leather surface such as seats, head protectors, etc.



### A.MIG-7123

### **WEAPONS COLORS**

All the acrylics you need for any 20th and 21st century weapons. Acrylic paints. 6 jars of 17 ml.

This set includes A.MIG-192 POLISHED METAL and A.MIG 045 GUN METAL for any kind of gun metallic parts, A.MIG-032 Satin Black for plastic parts such as the butt of an M16, A.MIG-923 RED BROWN SHINE for Bakelite and brown-reddish plastics, A.MIG-913 RED BROWN BASE and A.MIG-912 RED BROWN SHA-DOW for wood components.

Included colors: A.MIG-032 SATIN BLACK

A.MIG-912 RED BROWN SHADOW A.MIG-045 GUN METAL A.MIG-913 RED BROWN BASE A.MIG-192 POLISHED METAL A.MIG-923 RED PRIMER SHINE



### **WWII AMMUNITION COLORS**

A basic set with the most usual colors used in WWII ammunition. Includes paints for ammunition belts and German, USA, Soviet and British tank shells. Some rounds had the projectiles painted in different colors-like yellow and green-but others were metallic or black. Check your book references or the web to paint your ammo in the right colors. Three all-new metallic paints included, with a new formula that provides a outstanding finish which was only attainable before using lacquer paints, but now with odorless and non-toxic acrylics

A.MIG-048 YELLOW Included colors: A.MIG-191 STEEL

 A.MIG-197
 BRASS
 A.MIG-199
 COPPER

 A.MIG-032
 SATIN BLACK
 A.MIG-001
 RAL 6003 OLIVGRÜN OPT.1



### A.MIG-7125

### **UKRAINE ATO COLORS**

The war in eastern Ukraine or "Anti Terrorist Operation ATO" of 2014 and 2016 has become one of the most popular worldwide modeling issues. The large amount of photos and information about the vehicles that are participating here has made many modelers choose this topic. The many color systems of all vehicles used there are indeed complex and multitudes of standardized colors are mixed with others improvised on the battlefield. This set brings together a small selection of the most common colors used on combat vehicles, excluding the many colors used only on maneuvers or in pre-war times

Included colors: **A.MIG-048** YELLOW **A.MIG-051** LIGHT GREEN KHV-553M

A.MIG-052 DEEP GREEN

A.MIG-083 ZASHCHITNIY ZELENO

(RUSSIAN POSTWAR GREEN) KHV 518

A.MIG-086 BLUE (RAL 5019)
A.MIG-914 RED BROWN LIGHT



### MIG-7126

### **NOVOROSSIYA COLORS**

In 2014 the eastern regions of Ukraine Donetsk and Lugansk (Donbas), part of the New Russia, rebelled against the central government and began a protracted war mainly supported by the Russians, providing armored vehicles to separatists. Although initially the "rebels" used vehicles captured from the Ukrainian army, with time new vehicles of Russian origin begin to appear. As the Ukrainian army used many colors in common with the Russian army and everything was mixed in the battlefield, the rebels decided to use a highly visible and common green, the color AMC 0.54. Wide the result is the result of the result in the result of the result is the result of the result in the result of the result is result in the result of the result is resulted to the result in the result of the result is resulted to the result in the resulted to the resul the color A.MIG 054, to identify and distinguish their vehicles from Ukrainians.

Included colors: **A.MIG-053** PROTECTIVE NC 1200

A.MIG-054 SIGNAL GREEN A.MIG-057 YELLOW GREY PKHV 4

A.MIG-070 MEDIUM BROWN
A.MIG-911 GREY SHINE PKHV 23

A.MIG-932 RUSSIAN BASE ZIS 508



### **BLACK & WHITE TECHNIQUE SET**

Special Black&White technique leflet

Acrylic water based paint set for creating the original and famous Black & White technique created by Jose Lopez. This innovative set is designed to create the Black & White technique, creating realistic highlights and shadows as well as dramatic lighting effects with this definitive acrylic color set.

This set includes a leaflet which will teach us how to do this technique with included products: the brand new A.MIG-2016 Transparator, necessary for semi-transparent base colors, both A.MIG-0046 Matt Black & **A.MIG-0050** Math White for grey tones ranging from charcoal grey for shadows through to light grey for highlights, **A.MIG-0024** Washable White & **A.MIG-0104** Washable Black for weathering dust, spills, chipping, and streaking, and **A.MIG-0090** acrylic Satin Varnish necessary for protecting our effects.



### A.MIG-7129

### **MODERN AMMUNITION SET**

A basic set for all kind of modern munitions dating from the end of World War II to present. Includes the accurate colors for ammunition of different colors like metallic blue, green, black, aluminum or brass cartridges, etc. For example aluminum cartridges with metallic blue projectile from Abrams or Leopard, artillery rounds for M109, 2S3, as well as Russian tanks such as T90, T72, etc.

Included colors: A.MIG-0194 ALUMINUM

A.MIG-0196 WARHEAD METALLIC BLUE
A.MIG-0197 BRASS

A.MIG-0032 SATIN BLACK

A.MIG-0081 US OLIVE DRAB (FS 24087) A.MIG-0212 FS 26373 SILVER GREY





**NATO COLORS SET** 

With this set modellers can paint authentic three-color NATO camouflage patterns easily without complex mixture.

A.MIG 046 BLACK A.MIG 084 NATO GREEN A.MIG 085 NATO BROWN





### A.MIG-7115

**IDF COLORS SET** 

Acrylic paint set for painting Israel Defense Force vehicles. Finally, modellers can paint Israeli vehicles without complex mixtures and hours of research. Includes 3 tones used from the early years as an operational force to the present day. Colors include; **A.MIG-066** IDF SINAY GREY '82 which is currently in use, the A.MIG-067
IDF SAND GREY '73 as used from the 6
Days War to the Yom Kippur War and
A.MIG-068 IDF GREEN as used at the IDF's inception.





### A.MIG-7102

AFRIKA KORPS SMART ACRYLIC SET

Acrylic paints. 3 jars. 17 ml

Acrylic paint set for painting Deutsche Afrika Korps vehicles from March 1942 to the bitter end in Tunisia. Finally, mod-ellers can paint DAK vehicles without complex mixtures and hours of research.

Included colors:

A.MIG-008 RAL 7021 DUNKELGRAU
A.MIG-009 RAL 7027 SANDGRAU A.MIG-016 RAL 8020 GELBBRAUN





### A.MIG-7104

BUNDESWEHR AFGHANISTAN SCHEME SMART **ACRYLIC SET** 

With this set modellers can paint authentic three-color Bundeswehr camouflage pat-tern for Afghanistan easily without complex mixture

Included colors

A.MIG 026 RAL 8031 F9 GERMAN SAND BROWN

A.MIG 027 RAL8031 F9 GERMAN SAND BEIGE

A.MIG 028 RAL7050 F7 GERMAN **GREY BEIGE** 





### A.MIG-7103

MODERN SYRIAN CAMOUFLAGE SET

Acrylic paints, 3 jars, 17 m

Acrylic paint set for the modern Syrian army vehicles, this set allows for accurate painting of the most common colors. Mo-delers will be able to paint these vehicles without complex mixtures and hours of

Included colors: **A.MIG 030** SAND YELLOW A.MIG 912 RED BROWN SHADOW A.MIG 931 RUSSIAN DARK BASE





### A.MIG-7135

VIETNAM COLORS SET

Acrylic paints. 3 jars. 17 ml

Acrylic paint set with accurate colors for the vehicles of Vietnam War and Cold War. Modelers will be able to paint these vehicles without complex mixtures and hours of research.

Included colors:

A.MIG 081 US OLIVE DRAB (FS 24087)
A.MIG 082 APC INTERIOR GREEN A.MIG 083 ZASHCHITNIY ZELENO (Russian Postwar Green)





### **RUSSIAN WWII COLORS SET**

Acrylic paints. 3 jars. 17 ml

Acrylic paint set with accurate colors for the 3 most common paints used by Russian vehicles during WW II. Modelers can paint these vehicles without complex mixtures and hours of research.

A.MIG-019 480 RUSSIAN GREEN A.MIG-020 6K RUSSIAN BROWN A.MIG-021 7K RUSSIAN TAN





### .MIG-7137

### WW II JAPANESE AFV EARLY COLORS

Acrylic paints. 4 jars. 17 ml

This 4 jars set include the camouflage colors used by Imperial Japanese Army during the first stages of World War Two. These colors were used both in China and the Pacific islands from 1937 to 1942.

Included colors: **A.MIG-069** BLUE GREEN A.MIG-070 MEDIUM BROWN A.MIG-071 KHAKI A.MIG-048 YELLOW





### .MIG-7139

### AFGHANISTAN WAR (1979-1989)

This set contains the 3 colors most used by USSR Army for desert theaters following 1970 ordinances. For example these colors were used during the Afghanistan war during 1979-89.

A.MIG-057 Yellow Grey. Common camouflage color in use in Afghanistan and also today.

A.MIG-061 Warm Sand-Yellow. Sand camouflage color. This paint was also used as base color with green camouflage spots painted over it.

A.MIG-932 Russian Base. Standard color





### MIG-7140

### **BRITISH 1939-45 EUROPEAN COLORS**

Acrylic paints, 4 jars, 17 ml

With this set the modeler can paint British vehicles, from 1939 to 1945 in the European Front (ETO), without hours of research or complex mixtures. From a Matilda Mk I to a late war Firefly, the modeler can find the right colors in this set.

**A.MIG-110** SCC 1A (BRITISH BROWN 1941-42) Camouflage color for 1941-42 period.

A.MIG-111 SCC 2 (BRITISH 1941-42 SERVICE DRAB) Base color for 1942-44 period. Also used during 1941.

A.MIG-112 SCC 15 (BRITISH 1944-45 OLIVE DRAB) Used as unique base color since 1944.

A.MIG-113 KHAKI GREEN N°3 (BRITISH 1939-42) Base color for 1939-41 period. Also used during 1942.





### .MIG-7141

### 1944-1945 GERMAN STANDARD COLORS

Despite what many modelers had believed, the colors used by the Germany military were not the same throughout the war. Towards the end of the war, some colors were changing, such as the famous Dunkelgelb or "Dark Yellow". This was lighter in 1944 and even more in 1945. Another very common color during the last years of the war was the green "resedagrün", which was also subject to variations. This small set includes the three most common colors used between 1944 and

1945, allowing you to bring realism and ac-curacy to your models including very special and accurate colors.

Included colors: A.MIG-003 RAL 6011 RESEDAGRÜN A.MIG-011 RAL 7028 DUNKELGELB AUS '44 DG I A.MIG-015 **RAL 8017 SCHOKOBRAUN** 





### .MIG-7142

### **GERMAN FACTORY COLORS**

Many modelers have found interest in painting their German vehicles with the colors used in factories. In some cases, these tanks went out to fight with those factory colors without being camouflaged, especially at the end of the war when there was no time or supplies to do so. The dark gray color was a primer used on all German vehicles at the beginning of the war. During the second half of WWII, vehicles began using different shades of red and brown primer. Combinations of these colors can be seen at the end of the war because many of the components and parts come from different factories. For example, many guns were primed in gray and afterwards assembled on primer red tanks. An essential selection of colors to make any fresh from the factory

of colors to make any fresh from the factory or prototype tank

Included colors:

A.MIG-014 RAL 8012 ROTBRAUN A.MIG-908 GREY BASE A.MIG-921 RED PRIMER LIGHT BASE







### **RUSSIAN GREENS - 1956 TO PRESENT**

Acrylic paints. 4 jars. 17 ml

We have gathered in one set, the green colors most used from 1956 to the present for lovers and fans of Russian vehicles from all eras. All of these colors are very different from each other and each of them has been used alone or in combination with other colors in different camouflage paterns. Most trucks or light vehicles, as well as many tanks were pointed for years with the ZIS 508 or color KHV 518. In the 80s began the use of KHS 5146, alone or in combination with black, sand, or gray. This color is very different from the previous two colors. Finally, NC 1200 color is a much darker and dull color was first used in 2005 as a single color on all vehicles of the Russian army in order to save costs and unify camouflages in all units.

Included colors: **A.MIG-053** PROTECTIVE NC 1200

A.MIG-056 GREEN KHAKI
A.MIG-083 ZASHCHITNIY ZELENO

(RUSSIAN POSTWAR GREEN)

A.MIG-932 RUSSIAN BASE





### A.MIG-7144

### **WWI GERMAN TANKS**

Acrylic paints. 4 jars. 17 ml

A collection of the most usual German Army colors from 1914 to 1919, not only for tanks and other vehicles of the era, but also employed to camouflage small arms, helmets, bunkers or artillery pieces. Although the range of camouflage colors was much more extensive, the ones presented here are most popular and representative of the period.

Included colors:

A.MIG-077 DULL GREEN A.MIG-078 OCHRE EARTH A.MIG-079 CLAY BROWN

A.MIG-910 GREY HIGH LIGHT





### .MIG-7148

### 1939-1944 GERMAN STANDARD COLORS

Despite what many modelers had believed, the colors used by the Germany military were not the same throughout the war. Some colors evolved such as the famous Dunkelgelb or "Dark Yellow", during the war. Also the Olivgrün was subject to variations. This small set includes the four most common colors used between 1939 and 1944, allowing you to bring realism with the most accurate colors, result of years of professional research.

Included colors: A.MIG-002 RAL 6003 OLIVGRÜN OPT. 2

A.MIG-008 RAL7021 DUNKELGRAU

A.MIG-912 RED BROWN SHADOW A.MIG-010

RAL 7028 DUNKELGELB (EARLY)





### A.MIG-7150

### **BRITISH BERLIN CAMOUFLAGE COLORS 1988-1991**

A collection of colors used by the British Army for the most popular camouflage patterns used from 1988 to 1991 in Berlin. All 4 jars are acrylic and formulated for maximum performance both with brush and airbrush. The Scale Reduction-Effect will allow us to apply the correct color on our models. Water soluble, odorless, and non-toxic. Shake well before each use. Each jar includes a stainless steel agitator to facilitate mixture. We recommend MIG -2000 Acrylic Thinner for correct thinning. Dries completely in 24 hours.

Included colors: **A.MIG-050** MATT WHITE A.MIG-070 MEDIUM BROWN A.MIG-084 NATO GREEN

A.MIG-210 GREY BLUE







These products are acrylic and are formulated for maximum performance both with brush or airbrush and the Scale Effect Reduction will allow us to apply the correct color on our models. Water soluble, odorless and non-toxic. Shake well before each use. We recommend A.MIG-2000 Acrylic Thinner for a correct thinning Dries completely in 24 hours.



### **A.MIG-7000 DUNKELGELB MODULATION SET**

Acrylics Colors Set. 4 jars. 17 ml

This set includes 4 acrylic colors to paint modulation and light effects on any vehicle in Dunkelgelb color quickly and easily. This simplified set includes the co-lors necessary for this technique, saving on unneces-sary complexity and jars.

Included colors: **A.MIG-901** Dunkelgelb Dark Base **A.MIG-902** Dunkelgelb Base **A.MIG-903** Dunkelgelb Light Base **A.MIG-904** Dunkelgelb High Light





### MIG-7001

### **DUNKELGRAU MODULATION SET**

This set includes 4 acrylic colors to paint modulation and light effects on any vehicle in Dunkelgrau color quickly and easily. This simplified set includes the colors necessary for this technique, saving on unnecessary sary complexity and jars.

### Included colors

A.MIG-907 Grey Dark Base A.MIG-908 Grey Base A.MIG-909 Grey Light Base A.MIG-910 Grey High Light





### A.MIG-7002

### **RED PRIMER MODULATION SET**

Acrylics Colors Set. 4 jars. 17 ml

This set includes 4 acrylic colors to paint modulation and light effects on any vehicle in rotbraun or primer color quickly and easily. This simplified set includes the colors necessary for this technique, saving on unnecessary complexity and jars.

### Included colors:

A.MIG-919 Red primer Dark Base
A.MIG-920 Red primer Base A.MIG-921 Red primer Light Base A.MIG-922 Red primer High Lights





### .MIG-7003 **OLIVE DRAB MODULATION SET**

Acrylics Colors Set. 4 jars. 17 ml

This set includes 4 acrylic colors to paint modulation and light effects on any vehicle in Olive Drab color quickly and easily. This simplified set includes the colors necessary for this technique, saving on unnecessary complexity and jars.

### Included colors

**A.MIG-925** Olive Drab Dark Base A.MIG-926 Olive Drab Base
A.MIG-927 Olive Drab Light Base A.MIG-928 Olive Drab High Lights





### .MIG-7004

### **RUSSIAN 4BO MODULATION SET**

Acrylics Colors Set. 4 jars. 17 ml

This set includes 4 acrylic colors to paint modulation and light effects on any Soviet vehicle in 4BO color quickly and easily. This simplified set includes the co-lors necessary for this technique, saving on unnecessary complexity and jars.

### Included colors

A.MIG-931 Russian Dark Base A.MIG-932 Russian Base A.MIG-933 Russian Light Base A.MIG-934 Russian High Lights





With just 4 colors modeler may use this advanced technique without the need for complicated mixtures and having always the colors used in any step of the process. These acrylic and are formulated for maximum performance both with brush or airbrush. 4 colors in 17 mL jars. Water soluble, odorless and non-toxic. Shake well before each use. Each jar includes a stainless steel agitator to facilitate mixture. We recommend MIG -2000 Acrylic Thinner for a correct thinning. Dries completely in 24 hours. Include colors:



# Metal Acrylic Colors

A new range of metallic acrylic paints with the same formulation and characteristics of the AMMO acrylic colors. Easy to apply with an incredibly realistic metallic appearance. These colors are non toxic and can be mixed with other AMMO acrylic color. These colors are formulated for maximum brush & airbrush performance. 17ml jar. Water soluble, odorless, and non-toxic. Shake thoroughly before each use. We recommend A.MIG-2000 Acrylic Thinner for thinning. Dries completely in 24 hours.

Un nuevo rango de pinturas metalizadas acrílicas con la misma formulación del resto de nuestros colores. Fáciles de aplicar y con un increíble aspecto metálico. Estos colores NO son tóxicos y se pueden mezclar con el resto de los colores acrílicos de AMMO. Pintura con una fórmula optimizada para obtener el máximo rendimiento tanto a pincel como con aerógrafo. Cada bote incluye un agitador de acero inoxidable para facilitar una mezcla más rápida y homogénea. Presentación en botes de 17ml. Soluble en agua, sin olor y no tóxico. Agite bien antes de cada uso. Recomendamos A.MIG-2000 Acrylic Thinner para una correcta disolución. Secado completo en 24h.



### A.MIG-0045 GUN METAL

Perfect for realistic weapons, engine components, Sci-Fi, and mechanical elements. Perfect acrylic color for some steel and most darker silver grey surfaces. Realistically replicate the bright appearance of Gun Metal on any subject.



### A.MIG-0190 OLD BRASS

17 mL jar

Realistically replicate brass shell casings, fixtures on Naval vessels, interior mechanicals, and Sci-Fi details. Realistically replicate the bright appearance of Old Brass on any subject.





### METAL ACRYLIC COLORS

### **A.MIG-0191**

STEEL

Steel is a common element of almost every subject in most genre of scale modelling. Here we have the most re-alistic universal Acrylic Steel for all genre and manner of details. Realistically replicate the bright appearance of Steel on any subject.



### A.MIG-0192 POLISHED METAL

17 mL jar

Perfect for realistic engine components, aircraft sur-faces, Sci-Fi details, and AFV details. Realistically replicate the bright appearance of Polished Metal on any subject.





### A.MIG-0193 **TITANIUM**

17 mL jar

Used in modern subjects. weapons, and munitions, Ti-tanium is also ideal for Sci-Fi details. Realistically replicate the bright appearance of Titanium on any subject.





### **A.MIG-0194**

ALUMINUM

A common material for aircraft, AFV'S, civilian subjects, and Sci-Fi. Realistically replicate the bright appearance of Aluminium on any



### A.MIG-0195

**SILVER** 

Perfect for some engine components, aeronautical lights, and mechanical structures and mechanical structures and most silver surfaces in-cluding Sci-Fi subjects and historical figures. Realisti-cally replicate the bright ap-pearance of true Silver on any subject.





### A.MIG-0196 WARHEAD

**METALLIC BLUE** 

Ideal modern munitions, historical figures, and Sci-Fi details. Realistically replicate the bright appearance of Warhead Metallic Blue on any subject.





### **A.MIG-0197**

**BRASS** 

Realistically replicate the bright appearance of Brass on any subject, ideal for Sci-Fi details, historical figures,



### **A.MIG-0198**

GOLD

Ideal for Sci-Fi, electronic components, historical fig-ures, and all manner of de-tails. Realistically replicate the bright appearance of Gold on any subject.





### A.MIG-0199

**COPPER** 

Perfect for ammunition carridges, exhaust collector rings in radial engines, his-torical figures, and plumbing fixtures. Ideal for Sci-Fi de-tails. Realistically replicate the bright appearance of Copper on any subject.







**GREY PRIMER** High quality Primer for Brushes and Airbrush.

Our water based primer available in a medium grey color and perfectly suited for use under all types of color finishes.

Our primer has excellent adhesion properties and soft-satin finish ensures that paint will grip per-fectly and every surface detail will remain crisp and clean.





### A.MIG-2003

DARK YELLOW PRIMER High quality Primer for Brushes and Airbrush.

Our water based primer available in a Dark Yellow perfectly suited for use under German Dunkelgelb vehicles and similar colors. Our primer has excellent adhesion properties and soft-satin finish ensures that paint will grip perfectly and every surface detail will remain crisp and clean.





### A.MIG-2004

WHITE PRIMER

High quality Primer for Brushes and Airbrush.

Our water based primer available in a white color perfectly suited for use under all types of color finishes. Our primer has excellent adhesion properties and soft-satin finish ensures that paint will grip perfectly and every surface detail will remain crisp and clean.





### **A.MIG-2005**

**BLACK PRIMER** 

High quality Primer for Brushes and Airbrush.

Our water based primer available in a black color perfectly suited for use under all types of color finishes. Our primer has excellent adhesion prop-erties and soft-satin finish ensures that paint will grip perfectly and every surface detail will remain crisp and clean.





### .MIG-2006

**RUST PRIMER** 

High quality Primer for Brushes and Airbrush.

Our water based primer available in a dark brown rust color perfectly suited for use under all types of paints. Our primer has excellent adhesion prop-erties and soft-satin finish ensures that paint will grip perfectly and every surface detail will remain crisp and clean. It's perfect for use as base on rust effects or to chip later colors showing rust chippings.





TRACKS PRIMER

High quality Primer for Brushes and Airbrush.

Acrylic primer in a dark brown color; ideal as a base for tracks. Our primer has excellent adhesion and smooth matte finish that ensures that every detail of the surface will stay crisp and the paint will grip over smoothly.





**DESERT SAND PRIMER** 

High quality Primer for Brushes and Airbrush.

Acrylic primer in sand color; ideal as a base for any desert camouflage or color. Our primer has excellent adhesion and smooth matte finish that ensures that every detail of the surface will stay crisp and the paint will grip over smoothly.





### MIG-2009 **RUSSIAN GREEN PRIMER**

High quality Primer for Brushes and Airbrush.

Acrylic primer in dark green color; ideal as a base for any green color. Our primer has excellent adhesion and smooth adhesion and smooth matte finish that ensures that every detail of the surface will stay crisp and the paint will grip over smoothly.





AMMO Acrylic Primers with very strong grip available in a wide range of colors. Optimized formula for maximum performance with either brush or airbrush. 60 mL jar. Water soluble, odorless and non-toxic. Shake well before each use. Each Primer includes a stainless steel agitator to facilitate mixture

Imprimaciones de fuerte agarre AMMO en colores. Fórmula op-timizada para obtener el máximo rendimiento tanto con pincel como con aerógrafo en bote de 60 mL. Soluble en agua, sin olor y no tóxico. Agite bien antes de cada uso



# SHAKE & PAINT NEW YELLOW CAP JARS

### WITH STAINLESS STIRRING BALLS

From now on, all new colors with yellow cap containing a ball to improve agitation, for the same price.



We also want to announce that we continue to improve our products through constant innovation. This time we are the first brand to include an agitator in our acrylic paints. This industry leading innovation allows for quick and convenient color mixture, even and consistent every time.

These exciting new products are easily distinguishable by their new yellow cap. Each jar includes a stainless steel agitator to facilitate mixture.

### ACRYLIC CRYSTAI





### A.MIG-092 CRYSTAL GREEN

Special acrylic paint to obtain the finish of a glass surface easily. It can be applied directly from the bottle and cleaned easily with water. This product is odorless and is not harmful. Its green color is perfect for a multitude of green glass surfaces such as position lights for planes and tanks.



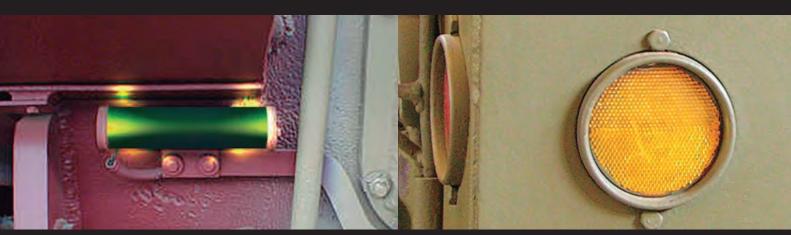


### A.MIG-093 CRYSTAL RED

Special acrylic paint to obtain the finish of a glass surface easily. It can be applied directly from the bottle and cleaned easily with water. This product is odorless and is not harmful. Its red color is perfect for a multitude of red glass surfaces such as position lights of planes and tanks, infrared visors, tail lights etc.







### A.MIG-096 CRYSTAL PERISCOPE GREEN

Special acrylic paint used to easily obtain the finish of a glass surface. This water-based paint is odorless and non-toxic. It can be applied directly from the jar but also on the airbrush thinned and easily cleaned with water. It can be applied directly from the jar but also on the airbrush thinned and easily cleaned with water. Its green color is perfect for painting German periscopes or tube position lights when lighted on.





### A.MIG-097 CRYSTAL ORANGE

Special acrylic paint used to easily obtain the finish of a glass surface. This water-based paint is odorless and non-toxic. It can be applied directly from the jar but also on the airbrush thinned and easily cleaned with water. It can be applied directly from the jar but also on the airbrush thinned and easily cleaned with water. Its orange color is perfect for painting position lights, optics or signals.





### ACRYLIC CRYSTAL





### A.MIG-094 CRYSTAL GLASS

Special acrylic paint to obtain the finish of a glass surface easily. It can be applied directly from the bottle and cleaned easily with water. This product is odorless and is not harmful. Its clear color is perfect for a multitude of glass surfaces such as position lights, headlights, focus, etc.





### A.MIG-095 CRYSTAL SMOKE

Special acrylic paint to obtain the finish of a glass surface easily. It can be applied directly from the bottle and cleaned easily with water. This paint is odorless and is not harmful. Its smoke color is perfect for a multitude of tinted glass surfaces such as lights of some US vehicles, thick glasses, headlights, etc.









### A.MIG-098 CRYSTAL LIGHT BLUE

Special acrylic paint used to easily obtain the finish of a glass surface. This water-based point is odorless and non-toxic. It can be applied directly from the jar but also on the airbrush thinned and easily cleaned with water. It can be applied directly from the jar but also on the airbrush thinned and easily cleaned with water. Its light blue color is perfect for painting lights and tint crystals, such as some canopies of modern aircrafts.





### A.MIG-099 CRYSTAL BLACK BLUE

Special acrylic paint used to easily obtain the finish of a glass surface. This water-based paint is odorless and non-toxic. It can be applied directly from the jar but also on the airbrush thinned and easily cleaned with water. It can be applied directly from the jar but also on the airbrush thinned and easily cleaned with water. Its blue color is perfect for painting, for example, German position lights when turn off.







Reference	Color name	ral/rlm/fs	Description and other aplications
A.MIG-001	OLIVGRÜN OPT. 1	RAL 6003	WW II German camo. Vegetation. Iraqui camouflage.
A.MIG-002	OLIVGRÜN OPT.2	RAL 6003	WW II German camo Vegetation. Iraqui camouflage.
A.MIG-003	RESEDAGRÜN	RAL 6011	1945 German camo. SS dot uniform camo, summer grass.
A.MIG-004	B RESEDAGRÜN	RAL 6011	1945 German camo. SS dot uniform camo, spring light vegetation. New Iraq Army camo.
A.MIG-005	GRAUGRÜN	RAL 7008	Camo for DAK vehicles operating in North Africa in 1941-1942.
A.MIG-006	GRAUGRÜN OPT.2	RAL 7008	Greenish RAL 7008, which appears on some Tiger I in Tunisia.
A.MIG-007	DUNKELBRAUN	RAL 7017	Camo applied over RAL 7021 in 1/3 of the vehicle (1935-1940).
A.MIG-008	DUNKELGRAU	RAL 7021	Base color for German vehicles until February 1943.
A.MIG-009	SANDGRAU	RAL 7027	DAK camo 1942-4943 over RAL 8020. Dusty roads.
A.MIG-010	DUNKELGELB (MID WAR)	RAL 7028	Standard base color used on German vehicles from 1943 to 1944.
A.MIG-011	DUNKELGELB AUS '44 DG I	RAL 7028	1945 German camo. Some IDF vehicles.
A.MIG-012	DUNKELGELB AUS '44 DG III	RAL 7028	1945 German camo. Old dry wood.
A.MIG-013	GELBBRAUN	RAL 8000	Early DAK base color. Earth roads.
A.MIG-014	ROTBRAUN	RAL 8012	German primer. 1945 German camo. Autumn leaves.
A.MIG-015	SCHOKOBRAUN	RAL 801 <i>7</i>	German camo 1943-1945. Iraqui brown camo color.
A.MIG-016	GELBBRAUN	RAL 8020	DAK color 1943-1943. Syrian camouflage color. US camouflage in Korea.
A.MIG-017	CREMEWEISS	RAL 9001	Interiors.
A.MIG-018	WAFFEN SS - POLIZEI GRÜN		Authentic green color used by Waffen SS and Polizei units.
A.MIG-019	RUSSIAN GREEN	4BO	WW II Russian Color.
A.MIG-020	russian brown	6K	WW II Russian Color.
A.MIG-021	RUSSIAN TAN	7K	WW II Russian Color.
A.MIG-022	ALKIDNO-URETANOVAYA	3B AU	WW II Russian Color.
A.MIG-023	PROTECTIVE GREEN		WW II Russian Color.
A.MIG-024	WASHABLE WHITE CAMO		Authentic Russian WW II white washable paint. Removable with water.
A.MIG-025	US MODERN VEHICLES	FS 33446	The most important and often used US camo color for the desert.
A.MIG-026	GERMAN SAND BROWN		Desert color modern German Army.
A.MIG-027	GERMAN SAND BEIGE	RAL 1039 F9	Desert color modern German Army.
A.MIG-028	GERMAN GREY BEIGE	RAL 1039 F7	Desert color modern German Army.
A.MIG-029	DESERT SAND		Sand color for modern Iraqi army. Desert vehicles.
A.MIG-030	SAND YELLOW	BS 381c 361	BS 381c 361 Modern British vehicles. Desert vehicles.
A.MIG-031	GREEN-KHAKI		Actual spanish Army color. Mantlet tarps.
A.MIG-032	SATIN BLACK		Black leather.
A.MIG-033	RUBBER & TIRES		Old dry wood.
A.MIG-034	RUST TRACKS		Light leather.
A.MIG-035	DARK TRACKS		Dark brown leather.
A.MIG-036	OLD WOOD		Color for depicting the accumulation of dust on tracks and tires.
A.MIG-037	NEW WOOD		Color for the accumulation of dry light mud on tracks and tires.
A.MIG-038	LIGHT WOOD		Natural color creating realistic decks and authentic wood. Acrylic.
A.MIG-039	LIGHT RUST		Light orange acrylic perfect for painting the most authentic fresh rust.
A.MIG-040	MEDIUM RUST		For the medium tones of authentic rust tones.
A.MIG-041	DARK RUST		Perfect for the darkest shades of fresh rust.
A.MIG-042	OLD RUST		For old, rusty surfaces. Also for Leather.
A.MIG-043	SHADOW RUST		Perfect for the painting old and dark rust surfaces.
A.MIG-044	CHIPPING		For depicting the most realistic deep scratches and chipping effects

Reference	Color name	RAL/RLM/FS	Description and other aplications
A.MIG-045	GUN METAL		For realistic gun barrels, metallic tools and other metal effects.
A.MIG-046	MATT BLACK	MS-17	Perfect to obtain dark shades on other colors and paint details.
A.MIG-047	SATIN WHITE		Perfect to obtain light shades on other colors and paint details.
A.MIG-048	YELLOW		Saturated warm yellow paint for paint details or mix with other colors.
A.MIG-049	RED		Saturated red paint for paint details or mix with other colors.
A.MIG-050	MATT WHITE		
A.MIG-055	OIL OCHRE		Modern Russian camo.
A.MIG-056	GREEN KHAKI	KHS-5146	Modern Russian camo. Moss and deep vegetation.
A.MIG-057	YELLOW GREY	PKHV-4	Modern Russian camo. Old dry wood.
A.MIG-058	LIGHT GREEN KHAKI	PKHV-512	Modern Russian camo. Spring vegetation.
A.MIG-059	GREY	KHV-16	Modern Russian camo. Ships and sci-fi.
A.MIG-060	PALE GREEN		French camos 1916-1940. Light spring vegetation.
A.MIG-061	WARM SAND-YELLOW		French camos 1916-1940. Sand.
A.MIG-062	FRENCH BLUE		French camos 1916-1940.
A.MIG-063	PALE GREY		French camos 1916-1940. Sci-fi subjects.
A.MIG-064	BROWN EARTH		French camos 1916-1940. New leather.
A.MIG-065	FOREST GREEN		French camos 1916-1940. Vegetation.
A.MIG-066	IDF SINAI GREY '82		IDF camo since 1982. Dark stones.
A.MIG-067	IDF SAND GREY '73		IDF camo since 1973. Dust and dry earth. Desert vehicles.
A.MIG-068	IDF GREEN		Early IDF camo.
A.MIG-069	BLUE GREEN		Japanese Armour early color WWII
A.MIG-070	MEDIUM BROWN		Japanese Armour early color WWII
A.MIG-071	KHAKI		Japanese Armour early color WWII
A.MIG-072	DUST		Dust. Stones.
A.MIG-073	EARTH		Earth. Dark wood and trunks.
A.MIG-074	GREEN MOSS		Most of WW I British vehicles.
A.MIG-075	STONE GREY		Solomon scheme for WW I British vehicles in Europe. Sci-fi fighters
A.MIG-076	BROWN SOIL		Solomon scheme for WW I British vehicles in Europe.
<b>A.MIG-077</b>	DULL GREEN		German WW I color.
A.MIG-078	OCHRE EARTH		German WW I color. Flesh.
<b>A.MIG-079</b>	BROWN CLAY		WW I German and Solomon scheme for British vehicles in Europe.
A.MIG-080	BRIGHT GREEN		Grass, vegetation.
A.MIG-081	US OLIVE DRAB VIETNAM ERA (FS 24087)		Other Armies base color using USA vehicles.
A.MIG-082	APC INTERIOR LIGHT GREEN		Green Zakus. Modern interior AFVs.
A.MIG-083	ZASHCHITNIY ZELENO	XB 518	Most of Soviet and Modern Russian vehicles and tanks.
A.MIG-084	NATO GREEN		Authentic NATO green color for modern vehicles and camouflage.
A.MIG-085	NATO BROWN		Authentic NATO brown color for modern vehicles and camouflage.
A.MIG-086	BLUE (RAL 5019)		
<b>A.MIG-087</b>	RAL 6014 GELBOLIV		Bundeswehr Army color.
A.MIG-088	KHAKI BROWN		Camouflage colors.
A.MIG-089	MATT VARNISH		Acrylic Matt Varnish formulated for maximum airbrush performance.
A.MIG-090	SATIN VARNISH		Acrylic Satin Varnish formulated for maximum airbrush performance.
A.MIG-091	GLOSSY VARNISH		Acrylic Glossy Varnish for maximum airbrush performance.
A.MIG-092	CRYSTAL GREEN		Green lights, position lights and periscopes.



Reference	Color name	ral/rlm/fs	Description and other aplications
		KAL/KUVI/F3	· · · · · · · · · · · · · · · · · · ·
A.MIG-093	CRYSTAL RED		Red lights, position lights.
A.MIG-094	CRYSTAL GLASS		Dials, bulbs and crystals.
A.MIG-095	CRYSTAL SMOKE		Periscopes. Dark bulbs.
A.MIG-096	CRYSTAL PERISCOPE GREEN		Periscopes. Lights.
A.MIG-097	CRYSTAL ORANGE		Position lights, optics and signals.
A.MIG-098	CRYSTAL LIGHT BLUE		Canopies, lights and tint crystals.
A.MIG-099	CRYSTAL BLACK BLUE		German position lights (turn off).
A.MIG-103	MEDIUM BLUE		Mechas.
A.MIG-105	WASHABLE DUST	RAL 8000	DAK WWII color
A.MIG-106	WASHABLE SAND	RAL 8020	DAK WWII color
<b>A.MIG-110</b>	SCC 1A (BRITISH BROWN 1941-42)		WWII British Color.
A.MIG-111	SCC 2 (BRITISH 1941-44 SERVICE DRAB)		WWII British Color.
A.MIG-112	SCC 15 (BRITISH 1944-45 OLIVE DRAB)		WWII British Color.
A.MIG-113	KHAKI GREEN N°3 (BRITISH 1939-42)		WWII British Color.
A.MIG-119	COLD GRAY		Starships, Spacefighters, Mechas.
A.MIG-120	LIGHT BROWN GRAY		Starships, Spacefighters, Mechas.
A.MIG-190	OLD BRASS	-	Some ammo shells and bullets.
A.MIG-191	STEEL		Metal components.
A.MIG-192	POLISHED METAL		Iron components.
A.MIG-193	TITANIUM		Sci Fi components.
A.MIG-194	ALUMINUM		Metalic planes such Mustang, MiGs jets, etc
A.MIG-195	SILVER		Very shiny components.
A.MIG-196	WARHEAD METALLIC BLUE		Modern projectiles. Sci Fi subjects.
A.MIG-197	BRASS		Shells, brass components.
<b>A.MIG-198</b>	GOLD		Gold parts.
A.MIG-199	COPPER		Vintage metal parts. Sci Fi.
<b>A.MIG-200</b>	MIDDELSTONE	FS 33531	Israeli Air Force.
A.MIG-201	LIGHT GREY GREEN	FS 34424	Israeli Air Force.
<b>A.MIG-202</b>	TAN	FS 30219	Israeli Air Force.
A.MIG-203	LIGHT COMPASS GHOST GREY	FS 36375	Israeli Air Force; Modern US, Mig and Su jets.
A.MIG-204	MEDIUM GUNSHIP GRAY	FS 36118	Modern USAF, Mig, Su and UK jets.
A.MIG-205	FS 26231 (BS 638)	FS 26231	Modern UK jets, US modern cockpits.
<b>A.MIG-206</b>	FS 34079 (BS 641)	FS 34079	Modern UK jets, USAF tac scheme.
A.MIG-207	FS 36314 (BS 626)	FS 36314	Modern UK jets.
<b>A.MIG-208</b>	DARK COMPASS GHOST GRAY	FS 36320	Modern US aircrafts.
A.MIG-209	LIGHT GRAY	FS 36495	Modern US aircrafts.
<b>A.MIG-210</b>	GRAY BLUE	FS 35237	Modern US aircrafts.
A.MIG-211	MEDIUM GRAY	FS 36270	Modern USAF, Mig and Su.
A.MIG-212	SILVER GRAY	FS 26373	Modern Mig and Su jets.
A.MIG-213	GREEN	FS 24277	Modern Mig and Su jets.
<b>A.MIG-217</b>	RLM 02 GRAU		Luftwaffe color.
A.MIG-218	SCHWARTZGRAU		Luftwaffe color.
A.MIG-219	INTERIOR GREEN (BS283)	FS 34226	WW II British cockpits.
A.MIG-220	ZINC CHROMATE GREEN (INTERIOR GREEN)	FS 34151	WW II USA cockpits.

A.MIG-221 FS 33.481 ZINC CHROMATE YELIOW  A.MIG-223 INTERIOR TURQUOISE GREEN  A.MIG-226 FS 36.622 GRAY  USAF to: scheme.  WW II US Novy.  A.MIG-227 FS 25.042 SEA BLUE  WW II US Novy.  A.MIG-237 FS 25.042 SEA BLUE  WW II US Novy.  A.MIG-238 FS 35.164 INTERNEDATE BLUE  A.MIG-900 DUNKELGEIB SHADOW  German Dunkelgray modulation.  A.MIG-901 DUNKELGEIB DARK BASE  German Dunkelgray modulation.  DUNKELGEIB HIGH TI BASE  German Dunkelgray modulation.  A.MIG-903 DUNKELGEIB HIGH UGHT  German Dunkelgray modulation. All eras Egyption base.  A.MIG-904 DUNKELGEIB HIGH UGHT  German Dunkelgray modulation. Very and skulls.  A.MIG-905 DUNKELGEIB SHINE  German Dunkelgray modulation.  A.MIG-906 GREY SHADOW  German Dunkelgray modulation.  A.MIG-907 GREY DARK BASE  German Dunkelgray modulation.  A.MIG-908 GREY BASE  German Dunkelgray modulation.  GREY LIGHT BASE  German Dunkelgray modulation.  GREY LIGHT BASE  German Dunkelgray modulation.  GREY HIGHT BASE  German Dunkelgray modulation. Drik Scifi fighters.  German Dunkelgray modulation.  GREY HIGHT GEREY GEREY MODULATION.  A.MIG-910 GREY SHINE  German Dunkelgray modulation. Drik Scifi fighters.  German Dunkelgray modulation. Drik Scifi fighters.  German Dunkelgray modulation. Scifi space ships.  German Dunkelgray modulation. Scifi space ships.  German Cannouflage modulation.  GEREY BASE  German cannouflage modulation.  German cannouflage modulation.  German Cannouflage modulation.  German Cannouflage modulation.  German primer modulation.  A.MIG-910 GREDNER BASE  German cannouflage modulation.  German primer modulation.  Ge	nd other aplications	RAL/RLM/FS	Color name	Reference
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	r modulation.		RED PRIMER SHINE	A.MIG-923
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A.MIG-928 OLIVE DRAB HIGH LIGHTS  US Olive Drab modulation.	modulation.		OLIVE DRAB HIGH LIGHTS	
A.MIG-929 OLIVE DRAB SHINE US Olive Drab modulation.			OLIVE DRAB SHINE	A.MIG-929
A.MIG-930 RUSSIAN SHADOW Russian 4BO modulation. Lybian camouflage color.	nodulation. Lybian camouflage color.		RUSSIAN SHADOW	
A.MIG-931 RUSSIAN DARK BASE Russian 4BO modulation.	nodulation.		RUSSIAN DARK BASE	A.MIG-931
A.MIG-932 RUSSIAN BASE Russian 4BO modulation. Vegetation.	nodulation. Vegetation.		RUSSIAN BASE	A.MIG-932
A.MIG-933 RUSSIAN LIGHT BASE Russian 4BO modulation. Train wagons. Wooden fences. Doors.	nodulation. Train wagons. Wooden fences. Doors.		RUSSIAN LIGHT BASE	
A.MIG-934 RUSSIAN HIGH LIGHT Russian 4BO modulation. Wooden fences. Doors. Vegetation highlights.			RUSSIAN HIGH LIGHT	
A.MIG-935 RUSSIAN SHINE Russian 4BO modulation. Faded green paint.	nodulation. Faded green paint.		RUSSIAN SHINE	A.MIG-935



## GOOD TECHNIQUES, GOOD RESULTS

by Rick Lawler

At AMMO, our primary goal is to help modelers achieve their best results whether that is through the products that we produce or by explaining techniques. Great painting results cannot be achieved, however, unless you have a good foundation and understanding of some basic principles. In this tutorial I will point out a few common mistakes and then explain a few good painting habits that will help you achieve excellent results using AMMO acrylic primers and paints.



The first step in any painting session is to be sure that your paints are thoroughly mixed by shaking or stirring the paints within the bottle. This step is so critical that AMMO is now adding a small metal ball into every bottle to aid in the mixing process. (Found in the Yellow Cap Bottles)

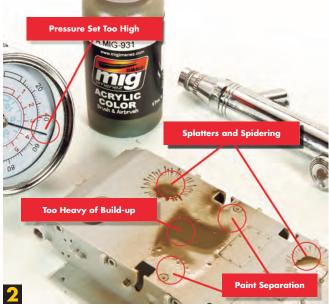


So now we know that we are facing two obstacles to a nice paint job, (1) Too much Air Pressure, (2) Surface Tension from the untreated plastic. First, I begin by regulating my air pressure using the bleed-off valve on my compressor. For this demonstration I have set my pressure at 18 PSI, you should experiment to find what pressure works best for you based upon type of equipment that you use. Now we are ready to apply a primer layer – here's how we do it and why we do it;

- Light First Coat When applying the primer it is very important that you build in layers. The first layer is just a VERY light spray, just enough to tint the surface. Allow this first layer to completely dry before continuing with a second layer of primer.
- Breaking the Surface Tension This first layer is working hard right now to break the surface tension that develops between the slick, untreated plastic surface and the water based paints.
   Primers are specially formulated to break the tension and adhere to the surface, but to do their job they must be applied in thin layers.



Once the first layer has dried I am able to apply a second primer layer. This second layer can be applied a little heavier for better coverage. Keep in mind that the purpose of primer is simply to prepare the surfaces for paint, so light coverage is preferred so as not to build-up too much thickness and obscure surface details.



Of course when we have completed building our models we are excited to begin painting and so we begin painting right away without proper thought or preparation – and the results are often poor. In this photo I have replicated many common issues that modelers experience when painting and will describe why it happens and what can be done to prevent it.

- Air Pressure Most modern air compressors can be adjusted to regulate the pressure to your
  airbrush. In this photo my compressor is giving me 50psi of pressure which is a lot and leads to
  a loss of control over my paint flow (too much paint) and my paint pattern (too wide of spray).
- Splatters and Spidering This is a common result of too much air pressure. Even a light tap of the airbrush trigger will result in a large amount of paint being distributed all at once. The splatter is made worse by holding the nozzle of the airbrush too close to the surface in an attempt to control the width of the spray pattern.
- Too Heavy of Build-up Again, the high air pressure is a contributing factor here. But, now we are also seeing the effects of surface tension or the contraction of the paint when it is applied upon the slick plastic surface much like combining oil and vinegar. This is a common problem when using acrylic or water based paints; the solution is to first lay down a primer layer before the paint.
- Paint Separation Again, the primary result of the surface tension between the untreated plastic surface and the water-based paint.



Above, I spoke about how the primer is necessary to break surface tension at the initial stages between the plastic and the paints. Equally important is that the primer layer is a matte finish, providing an ideal surface for the paints to adhere thus increasing their durability. In this example the primer process finishes with the third layer. You can see the smooth, overall coverage while the surface details are very much still evident.

### STEP BY STEP



Now with the primer in place and the pressure lowered it is time to paint. I am using an Iwata Dual Action Airbrush; note the distance of the airbrush nozzle to the surface is approximately 3" inches for an overall spray. I will move my nozzle closer to the surface when applying fine lines and details. As with the primer, I will work layer by layer to achieve full coverage.



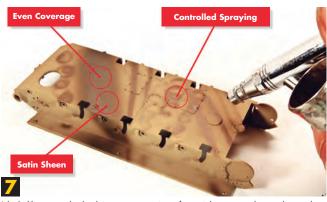
Another important reason to use a good primer is the fact that many models are constructed using a number of different materials; plastic, resin, photo etch, string, foils, etc. Primers are especially necessary in these instances to unify all of these varieties of surfaces for the decorative paints.



Still using the colored primers, the panel lines on the Me-109 are airbrushed. Panel line shadowing is not new, but being able to do it at the primer stage ensures that our shadows are at the deepest layer of coverage. On the T34 I am getting a little trickier and have chosen to highlight certain panels and edges using the yellow primer. The contrast between the black and yellow base coloring will add subtle visual interest to the final presentation.



For reference, the scale of this model is 1/48th. As a reminder, my pressure is at 18psi, same settings as was on my test piece. I continue by adding the narrower camouflage stripes to the T34 without difficulty – the adhesion is good, no splatters and no surface tension problems.



It looks like a mess, but by doing a test on a piece of material you can make sure that you have the proper settings for the type of point and equipment that you will be using — and for the work that you are doing. In this case, I can see that I have enough pressure to achieve even coverage overall in a broad spray pattern. I also see that my pressure is set to a point that allows me to move in closer for finer lines and detail work. A nice balance.

I can tell that the matte finish of the primer is working well as the paints are sticking immediately where applied, no splatters or separation. AMMO paints are designed to dry with a satin sheen which can be seen reflected in this photo. The satin sheen is ideal and recommended for use with the AMMO enamel weathering products.



In the "old" days, primer came to us in one color-grey. But no more! Now primers are available in a variety of colors which is very helpful in that not only can we get good surface preparation, but we can also begin the painting process by laying foundation colors that will complement our final finish. Because the Me-109 will have a lighter colored camouflage pattern finish, I have chosen to spray the fuselage using a white primer as this will not conflict with the light camo colors. However, with the T34 I have a much darker and more aggressive pattern in mind so I have chosen to use black primer in order to help pre-shade and emphasize the shadows.



The green color is applied in thin layers, slowly building the color. I intentionally stop before achieving complete coverage over the primer layers. As you can see, even at this early stage the black and yellow primer layers have added subtle shading and color interest over the entire model.



Finally, I add a little bit of quick color to the Me-109 fuselage. A light layer of grey color overall does a nice job of fading the panel line shading into the background. Again, note the contrasting satin sheen along the top edge.



A.MIG-6014 In Combat – Painting Mechas

Written by: Mig Jimenez, Oishi Modeler, Luca Zampriolo, Chulho Yoo and Daniel Morallo.

IN COMBAT - PAINTING MECHAS is here in its second edition, with revised and updated content and images.

Since quite a few decades, robots and other big Sci-Fi war machines have been one of the most popular subjects throughout Asia and the rest of the world.

The Japanese company Bandai popularized this fascinating world with their GUNDAMS which is followed today by many modelers. For those MECHAS lovers out there, this book provides different, highly realistic painting and weathering techniques in detailed step-by-step articles full of useful tricks and tips. An indispensable book to learn how to give realistic finishes to your models. A 92-page book in full color with lots of pictures and an amazing style. Paperbook.

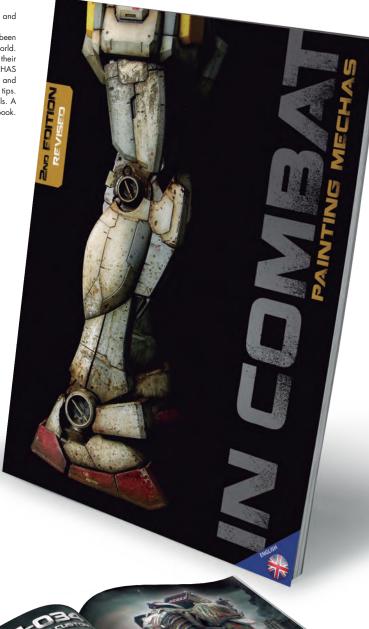














### **MECHAS ROBOTS & COLORS**

Acrylic Colors Set. 6 iars 17mL

The first set in a series specially designed for Mechas. This set contains six colors for some of the most popular Mechas. Accurate colors formulated with this modeling genre in mind.

This set contains:

A.MIG-048 YELLOW

A.MIG-049 RED

A.MIG-103 MEDIUM BLUE
A.MIG-204 FS 36118 MEDIUM GUNSHIP GRAY
A.MIG-119 COLD GRAY

A.MIG-120 LIGHT BROWN-GRAY





### **GREEN MECHAS COLORS**

Acrylic colors set, 6 jars 17mL

A set specially designed for Mechas and other sci-fi subjects. This set contains six colors for some of the most popular Mechas, for example Zakus. Exclusive set includes 4 different shades of green, perfect to add interest and different color tones to each plate, a blue and an acrylic gun metal. Accurate colors formulated with this modeling genre in mind.

A.MIG-0023 PROTECTIVE GREEN

A.MIG-0045 GUN METAL A.MIG-0062 BLUE

A.MIG-0077 DULL GREEN

A.MIG-0082 INTERIOR LIGHT GREEN

A.MIG-0201 LIGHT GRAY GREEN





### **CHIPPING SET FOR MECHAS**

Acrylic and enamel set. 1 jar 17mL & 2 jars 35mL

Basic set for some of the commonest effects found on robots and Mechas. Provides the necessary products to create paint chips and chipped grime as seen in the book 'IN COMBAT, Painting Mechas'. It can also be used on any kind of ma-chinery, dioramas, trucks, bulldozers or spaceships.

Included colors: **A.MIG-044** CHIPPING **A.MIG-2010** SCRATCHES EFFECTS A.MIG-1407 ENGINE GRIME





### **WEATHERING SET FOR MECHAS**

Filter, streaking effect and pigment set. 3 jars 35mL

Basic set to recreate weathering effects on robots, Mechas, spaceships and any kind of Sci-Fi vehicles and machinery. This set and the ref. A.MIG 7428 CHIPPING SET FOR MECHAS complements each other. Application methods are shown in the book 'IN COMBAT, Painting Mechas'.

A.MIG-1500 FILTER BROWN

A.MIG-3007 DARK EARTH

A.MIG-1201 STREAKING GRIME FOR DAK





### **STAR DEFENDERS SCI-FI COLORS**

Acrylic Colors Set. 6 jars 17mL

Set that includes a selection of some of the most common colors used for Set that includes a selection of some of the most common colors used for spacecraft and vehicles. This set is focused on ships featured in films such as Space 1999, Galactica Viper, and others which feature predominately light grey and red for identifying signals and markings. Two metallic paint colors are included for some androids and metal parts featured on some ships.

A.MIG-049 RED A.MIG-050 MATT WHITE

A.MIG-059 GREY
A.MIG-061 WARM SAND-YELLOW

A.MIG-195 SILVER A.MIG-198 GOLD





### SPACE FIGHTERS SCI-FI COLORS

Acrylic colors set. 6 jars 17mL

Set that includes a selection of some of the most common colors used for spacecraft and vehicles. This set is focused on ships featured in film such as Galactica Cylon fighter, some imperial fighters and other enemy ships where dark gray and black dominate. The color black is also used to darken the color sheers and Titanium for some metal components, glass parts, and engine nozzles.

This set contains:

A.MIG-046 MATT BLACK

A.MIG-047 SATIN WHITE

A.MIG-099 CRYSTAL BLACK BLUE

A.MIG-193 TITANIUM
A.MIG-204 FS 36118 MEDIUM GUNSHIP GRAY

A.MIG-210 FS 35237 GRAY BLUE







### **RUST CHIPPING**



### **GREY CHIPPING**



### STREAKING GRIME







A.MIG 1407 Engine Grime

Apply 2 or 3 coats of CHIPPING FLUID
around the middle areas and legs.Immediately after the product dries, spray the
Engine Grime with airbrush. Use a clean

brush damped with water and touch the

surface scratching the surface.

A.MIG 2011 Heavy Chipping

### RUST







A.MIG 3008 Track Rust

Drop a small quantity of pigment in the internal area of the legs or arms. Expand

A.MIG 3007 Dark Earth

internal area of the legs or arms. Expand the powder so as to cover all the details. Now moisten the surface with Pigment Fixer or Enamel Thinner to fix the pigment over the surface. When the fixer dries the appearance will be realistic.

### **GRIME SHADOWS**

STREAKING

mig



We will make the first effects of accumulated dirt. Use a medium soft brush and paint a shadow line and let it dry for a couple of minutes. Then blend the color with a clean brush moistened with Enamel Turpentine. The final effect must be subtle so don't do it in every place. Finally let dry this for 1 day.

### **FILTERS**





The FILTERS are another great solution to change the base color tone in a very smooth way. The FILTER is very transparent and you must apply with a brush. It is not a wash,

A.MIG 1500 Filter Brown for White

even if it looks similar. Moisten the surface regularly with a brush. Avoid flooding the surface. Let it dry for 24 hours after application.

### SPONGE CHIPPING



To create large chipping areas we can use a sponge damped with this color. The sponge should be nearly dry, so remove the excess paint by pressing the sponge over a piece of paper. The  $\,$ knee area can be a good place to apply this effect. Press the sponge smoothly over the surface.

### SPLASHED OIL





mig

effects

mig

A.MIG 1408 Fresh Engin

A.MIG 1402 Fresh Mud

The traces of oil and other fluids splash in all directions. Mix the Fresh Engine Oil with 30% of Fresh Mud and use a flat. brush and a toothpick. Place the brush in front the area where you want to splash the oil drops. Rub the tip of the brush with the toothpick.

### **RUST SHADOWS**





### A.MIG 1203 Streaking Grime

Draw fine lines with a brush along some details and parts and then let it dry for a couple of minutes. Blend the color using Enamel thinner and a clean brush until you achieve a smooth look. The legs have a lot of different details and panels so this technique must be worked with some intensity in this area.







### A.MIG 1407 Engine Grime



The Engine Grime will be a one of the most necessary products for all our models. We will use the same method as before, but we will apply this product in different areas, especially to the lower zones of the legs. After blending the color, the final look will get a grayish



# Weathering Enamels

AMMO of Mig Jimenez offers a range of innovative Weathering Enamel products in 35 mL jars. This range includes several different lines: Nature Effects, Washes, Streakings and Filters. Each of these lines is formulated with the perfect color and dilution to easily obtain the best realistic result with a minimum work. All these products are Enamel base products so you can clean or remove excess with Enamel Thinner for hours.

In addition AMMO offers a range of Weathering sets combining all necessary Weathering Enamel products to obtain a specific aspect in our kits.

AMMO of Mig Jimenez ofrece una gama de innovadores productos de Envejecido en Esmalte en botes de 35 mL. Esta gama incluye varias líneas diferentes: Efectos Naturales, Lavados, Chorretones y Filtros. Cada una de estas líneas está formulada con el color y dilución perfectos para obtener fácilmente el resultado más realista con el mínimo trabajo. Todos estos productos son en base Esmalte con lo que se puede limpiar o quitar el exceso durante horas con Diluyente de Esmaltes. Adicionalmente AMMO ofrece un rango de sets de Envejecido combinando todos los productos necesarios para obtener un aspecto concreto en nuestras maquetas.



### A.MIG-7400 PIGMENT RUST SET Set with different pigment rust tones.

Set with different pigment rust tones. 3 pigment jars 35ml.

The pigments set you need to give your kits the rusty look you want. It includes three tones; an orange pigment for fresh and recent rust (A.MIG-3006 LIGHT RUST), a darker tone for older rust (A.MIG-3008 TRACK RUST) and a medium toned rust color (A.MIG-3005 MEDIUM RUST).





### A.MIG-7401

SUMMER DUST SET
Set with different summer clust tones, 3 jars 35ml.

With this set the modeler will be able to add a dusty appearance to his models not only look like Kursk but also any other dry and dusty area of operation. Includes two enamel effects shades (A.MIG-1400 KURSK SOIL and A.MIG-1401 LIGHT DUST) and a tone of pigment (A.MIG-3002 LIGHT DUST).







### **A.MIG-7402 ENGINES OIL & FUEL**

The state of the s

Set with different engine effects. 3 enamel jars 35ml.

The essential weathering set for all types of engine effects, including grease and fuel stains. Engines, fuel tanks, mechanical parts and all kinds of dirty engine greased surfaces can be weathered with this set. It includes three enamel effects:

A.MIG-1407 ENGINE GRIME A.MIG-1408 FRESH ENGINE OIL A.MIG-1409 FUEL STAINS





### A.MIG-7403

**RUSTY VEHICLES** 

Set with different rust tones. 3 enamel jars 35ml.

The perfect set to give a rusty look to your vehicles of any type. But it is also essential for small parts and details in a diorama. Begin with dark tracks or parts with old rust (A.MIG-1002 TRACKS WASH), an orange tone for fresh rust (A.MIG-1004 LIGHT RUST WASH) and finally an enamel to make rust streaks (A. MIG-1204 STREAKING RUST EFFECTS).





### A.MIG-7404 **FIGHTING COMPARTMENT**

3 enamel jars 35ml.

Set for weathering interiors of armored fighting vehicles. With this set you will be able to weather and give a realistic look to the interior parts of your vehicle in a simple way. This set includes a wash and a streaking grime effect for white topes are seen interiors of many. white tones as seen interiors of many combat vehicles. It also includes the pigment for polished metal surfaces typical of the scuffed areas of the interior of any vehicle





### A.MIG-7405

**MUD EASTERN FRONT** 

Set with different mud tones 3 enamel jars 35ml.

This set allows us to apply the dark and damp mud typical of the Eastern Front in our vehicles. But, these products can be used to represent too dark mud elsewhere in the world.

A.MIG-1402 FRESH MUD A.MIG-1405 DARK MUD A.MIG-3007 DARK EARTH





### A.MIG-7406 D.A.K. VEHICLES

North Africa. 3 enamel jars 35ml

Whether it is DAK, Italian or allied forces this is the perfect set for painting desert-toned vehicles in North Africa. Set includes a wash for sand colors (A.MIG-1001 AFRICA KORPS WASH), a streak effect for desert tones (A.MIG-1201 STREAKING GRIME FOR DAK) and another enamel to get the typical dusty desert effect
(A.MIG-1404 NORTH AFRICA DUST).





### .MIG-7408

**EUROPE EARTH SET** 

Set with different Europe earth tones 3 enamel jars 35ml.

The necessary set for weathering any vehicle that has rolled down a dirt road. These products enable us apply dust and earth effects to any vehicle, especially those located in Europe. Includes two enamel effects products and a pigment; use them alone or in combination.

A.MIG-1403 EARTH A.MIG-1406 DAMP EARTH A.MIG-3004 EUROPE EARTH







### A.MIG-7409 HUMIDITY & WET EFFECTS

Set with different wet and slime effects. 3 enamel jars 35ml.

Use this set to detail a nice vignette, an abandoned ship and the effects of seaweed in a port or add interesting moss details and wet areas in a diorama. With it you can add two types of mossy dirt, dark or clear, to obtain variety. It also includes a product to make moist effects on any kind of surface and runoff water effects on vehicles (rain effect).

A.MIG-2016 WET EFFECTS
A.MIG-1410 SLIMY GRIME DARK
A.MIG-1411 SLIMY GRIME LIGHT





### A.MIG-7410

U.S. MODERN VEHICLES

Set with different US modern weathering effects 3 enamel jars  $35 \, \mathrm{ml}$ .

The necessary set for weathering American vehicles in Iraq or Afghanistan. The modeler may apply a wash and make streak effects with the perfect enamel color and apply the pigment with the right tone for a nice, balanced weathered vehicle. Recommended for use in combination with acrylic-based A.MIG FS 33446 U.S. 025 MODERN VEHICLES color. Includes:

**A.MIG-1007** US MODERN VEHICLES WASH **A.MIG-1207** STREAKING GRIME FOR US MODERN VEHICLES

A.MIG-3003 NORTH AFRICA DUST





### A.MIG-7407

PANZER GREY
Starter set for Panzer Grey WWI vehicle.

The basic, but indispensable color set to paint German vehicles in the Panzer Grey color used during the early stages of Second World War. The modeler may use the gray base color with acrylic paint Panzer A.MIG-008 RAL 7021 DUNKELGRAU, make a perfect wash with color A.MIG-1006 BLUE WASH FOR PANZER GREY and make streaking grime effects with

**A. MIG-1202** STREAKING GRIME FOR PANZER GREY. One set for all the essential products for a vehicle of this color.





### A.MIG-7411

WINTER CAMO
Starter set for winter camo vehides

The necessary and perfect starter set or weathering a winter vehicle. Includes A.MIG-2010 SCRATCHES EFFECTS that enables easy chipping of acrylic paint A.MIG-047 WHITE, obtaining a realistic outcome of chips and winter wear in a very simple way. Then we can use the enamel A.MIG-1205 STREAKING GRIME FOR WINTER VEHICLES to obtain the dirt effects on our winter vehicle. One set with all of the essential products for a vehicle in winter camouflage.





### A.MIG-7412 GERMAN TANKS

Starter set for German WWII vehicles.

A basic, but indispensable color set for painting German vehicles in the popular Dark Yellow color as used during World War II. The modeler can apply the base color with acrylic paint Dunkelgelb A.MIG-011, make a wash of color with A.MIG-1000 BROWN WASH FOR GERMAN DARK YELLOW and make streaking grime effects with A.MIG-1203 STREAKING GRIME. With just one set the modeler can get everything necessary to obtain a nice and balanced vehicle in this color.





### A.MIG-7413

U.S. GREEN TANKS
Starter set for US Green vehicles.

The basic, but indispensable color set for painting American vehicles in the popular Olive Green used during World War II and after by the U.S. Army. The modeler can apply the base color with acrylic paint A.MIG-926 OLIVE DRAB BASE, make a perfect wash with color A.MIG-1005 WASH DARK BROWN FOR GREEN VEHICLES and finally do streaking grime effects with A.MIG-1206 DARK STREAK-ING GRIME. With just one set the modeler can get everything necessary to obtain a nice and balanced vehicle in this color.





### MIG-7145

### **CIVIL VEHICLES WEATHERING SET**

The indispensable weathering set for all civilian vehicles. The ideal combination of washes, streaking, earth effects, and acrylic color, to bring realistic effects to all civilian machinery. Use them individually or in combination for a variety of effects.

This set contains:

A.MIG-1007 MODERN VEHICLES WASH DAMP EARTH A.MIG-1204 A.MIG-3007 STREAKING RUST EFFECTS DARK EARTH A.MIG-0042 OLD RUST ACRYLIC





### A.MIG-7146

### **CIVIL ENGINES WEATHERING SET**

hering enamel products 🗆 2 pigment

Whether it is an automobile, tractor, or any other civilian subject, this is the perfect set for weathering civilian engines. With both grease and oil enamels, dark brown wash, and 2 essential pigments, you will be able to create the most realistic engines, fuel tanks, and dirty mechanical surfaces.

### This set contains:

A.MIG-1407 ENGINE GRIME A.MIG-1408 FRESH ENGINE OIL

A.MIG-1005 DARK BROWN WASH FOR GREEN VEHICLES

A.MIG-3001 BLACK PIGMENT

RUSSIAN EARTH PIGMENTS





### MODERN RUSSIAN VEHICLES WEATHERING SET

This new set includes a selection of all basic and necessary products to weather most of the current Russian vehicles, either in a single green or with some of the most popular contemporary camouflage. The set includes everything from the initial filter, washed, drained effects, land and pigment. This basic selection ensures optimal and real finishes for these popular vehicles.

A.MIG-1005 DARK BROWN WASH FOR GREEN VEHICLES
A.MIG-1203 STREAKING GRIME

A.MIG-1400 KURSK SOIL

A.MIG-1506 BROWN FOR DARK GREEN

A.MIG-3014 RUSSIAN EARTH





## Washes

The basic technique used to weather any type of model is the wash, a classic technique that is still one of the most used techniques in modelling today. Our washes offer the most extensive and specific range for all types of vehicles from different countries.

### A.MIG-1000

BROWN WASH FOR GERMAN DARK YELLOW Also for sand color vehicles.

Ideal wash color for Dunkelgelb vehicles as well as all dark yellow vehicles. Apply on details and remove excess with a clean brush moist in Enamel Thinner.





A.MIG-1001
AFRICA KORPS WASH
Wash for light tone vehicles.

D.A.K. wash for Africa Korps vehicles, also other light colored desert vehicles. Apply on details and remove excess with a clean brush moist with Enamel Thinner.





### A.MIG-1002

TRACKS WASH
Enamel type wash for rusty tracks.

Wash for tracks. The prefect tone for rusty or dark tracks and other dark rust effects. Apply on details and remove excess with a clean brush moist with Enamel Thinner.





### A.MIG-1003 INTERIORS WASH Color for white or cream colors.

Ideal wash for creating the accumulation of dirt and grime on details on light colors such as interiors. Apply on details and remove excess with a clean brush moist with Enamel Thinner.





### **A.MIG-1004**

LIGHT RUST WASH

Enamel type wash for dark green vehicles.

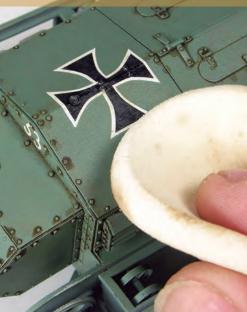
Light rust wash, ideal for rust effects on all kind of surfaces. Perfect for any rust effects on all surfaces. Apply on details and remove excess with a clean brush moist in Enamel Thinner.





### WASHES







#### **A.MIG-1005**

DARK BROWN WASH FOR GREEN VEHICLES
For Shermans, T34, etc...
35 ml

Wash dark brown perfect for dark colored vehicles. Apply on details and remove excess with a clean brush moist with Enamel Thinner.





#### **A.MIG-1006**

BLUE WASH FOR PANZER GREY
Early german tanks or starships.

Wash for grey vehicles. Ideal for Panzer Grey. Apply on details and remove excess with a clean brush moist in Enamel Thinner.





#### A.MIG-1007

US MODERN VEHICLES WASH

Great tone for US modern vehicles.

Dirt color wash specifically suited for use over Modern US sand colored vehicles. Apply on details and remove excess with a clean brush moist in Enamel Thinner.





A.MIG-1008

DARK WASH

Enamel type wash for modelling.

Enamel wash ideally matched for use over NATO and other dark camouflage schemes. Apply on details and remove excess with a clean brush moist with Enamel Thinner.





# Streaking effects

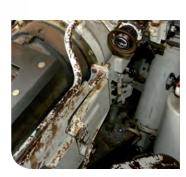
The products to create the effects of streaking dirt are the basic pillar of the whole range of products from AMMO of Mig Jimenez. These effects can be seen on vehicles from almost any time period and give a very realistic aspect even when we don't add any other effects afterwards. You can find different effects of streaking adapted to a great variety of themes. You just need to choose your color for each type of vehicle that you are painting.

#### A.MIG-1200

#### STREAKING GRIME FOR INTERIORS

Streaking effect for light tones.

Ideal color for creating dirt streaks on light colored surfaces such as AFV interiors. Also suitable for other effects such as add chromatic richness to any piece or surface. Apply lines from the upper part of plate and then fade with a clean brush moist with Enamel Thinner.





#### A.MIG-1201

**AFRICA KORPS WASH** 

For North Africa vehicles.

Grimy grey colored effect ideally suited for creating streaks of dirt over sand and light colored surfaces. Also suitable for other effects such as add chromatic richness to any piece or surface. Apply lines from the upper part of plate and then fade with a clean brush moist with Enamel Thinner.





#### A.MIG-1202

#### STREAKING GRIME FOR PANZER GREY

For early german tanks.

Dark colored streaking effect specifically designed to be used over dark grey surfaces. Also suitable for other effects such as add chromatic richness to any piece or surface. Apply lines from the upper part of plate and then fade with a clean brush moist with Enamel Thinner.





#### A.MIG-1203 STREAKING GRIME

For dark yellow vehicles.

Create realistic dirt streaks and grime effects easily with this dirty grey color. Apply lines from the upper part of plate and then fade with a clean brush moist with Enamel Thinner.





#### A.MIG-1204

STREAKING RUST EFFECTS
Rusty streaks effects.

Kusty streaks effects

Rust and corrosion streaks and stains are easily produced using this reddish-brown color. Also suitable for other effects such as add chromatic richness to any piece or surface. Apply lines from the upper part of plate and then fade with a clean brush moist with Enamel Thinner.





#### STREAKING EFFECTS









#### A.MIG-1205

STREAKING GRIME FOR WINTER VEHICLES
Grey brown for winter vehicles.
35 ml

Light grey color ideal for creating dirt streaks on light or white colored surfaces. Also suitable for other effects such as add chromatic richness to any piece or surface. Apply lines from the upper part of plate and then fade with a clean brush moist with Enamel Thinner.





#### **A.MIG-1206**

DARK STREAKING GRIME

For dark green vehicles.

35 m

Darkest color in our range specifically suited for streaking effects over dark colored vehicles and surfaces. Also suitable for other effects such as add chromatic richness to any piece or surface. Apply lines from the upper part of plate and then fade with a clean brush moist with

Enamel Thinner.





#### A.MIG-1207

STREAKING GRIME FOR US MODERN VEHICLES Enamel to create Streaking effect.

Ideal color for creating dirt steaks on sand and light brown colored vehicles. Also suitable for other effects such as add chromatic richness to any piece or surface. Apply lines from the upper part of plate and then fade with a clean brush moist with Enamel Thinner.





## A.MIG-1208 RAINMARKS EFFECTS

Also to create dust effects.

Create realistic streaks and rainmarks with this light colored enamel effect. Apply lines from the upper part of plate and then fade with a clean brush moist with Enamel Thinner.





# Nature effects

The colours to create dust, earth, and mud must be exact and very realistic to make your models look credible. Our range of products designed for these effects are exact reproductions of the distinct surroundings found around the world. Avoid errors with homemade mixes and use these colours directly on your models to achieve the best results. Some of these products are satiny to represent wet earth or fresh mud.



#### A.MIG-1400

#### **KURSK SOIL**

For Russia dioramas in summer

Medium yellow-brown colored effect ideally suited for creating dust and dirt appearance. Apply with a brush or airbrush and then fade with a clean brush moist with Enamel Thinner.





#### A.MIG-1401

#### **LIGHT DUST**

To create contrast in vehicles.

Light colored enamel that can be used to create dusty effects on surfaces. Apply with a brush or airbrush and then fade with a clean brush moist in Enamel Thinner.





#### A.MIG-1402

#### **FRESH MUD** Realistic satin dark mud.

Dark brown enamel effect ideally suited for creating muddy surfaces. It can be also mix with plaster to create volume. Apply with a brush or airbrush and then fade with a clean brush moist with Enamel Thinner





#### A.MIG-1403

#### **EARTH**

Useful for all kind of subjects.

Create dirt and mud effects with this realistic earth colored enamel. It can be also mix with plaster to create volume. Apply with a brush or airbrush and then fade with a clean brush moist with Enamel Thinner.





#### A.MIG-1404

#### **NORTH AFRICA DUST**

Perfect for desertic envoirements.

Light tan colored effect ideally suited to creating dusty accumulations on surfaces. Apply with a brush or airbrush and then fade with a clean brush moist with Enamel Thinner





#### .MIG-1405

#### **DARK MUD**

Enamel to create nature effect.

This dark earth colored effect can be used alone or mixed with other earth tones. Mix with plaster to create accumulations of textured mud and earth. Apply and fade with a clean brush moist with Enamel Thinner.





### NATURE EFFECTS



for the appearance of wet or damp mud. Mix with plaster to create accumulations of textured  $\stackrel{\cdot}{\text{mud}}$  and earth. Apply and blend with a clean brush moist with Enamel Thinner.





This dark grey colored effect is perfect for creating the grimy appearance and accumulated dirt of well used engines. Apply and blend with a clean brush moist with Enamel Thinner.





#### **A.MIG-1408**

**FRESH ENGINE OIL** Authentic fresh oil effect for engines. 35 ml

Create fresh oil leaks and stains with this enamel effect for the most realistic vehicles. Apply with a brush in different lays of different intensities for the most realistic effects.





## A.MIG-1409 FUEL STAINS

Semy gloss and very realistic.

Light amber colored effect that dries with a satin finish. Can be used alone or in combination with other effects to create a range of spilled fuel effects. Apply with a brush in different lays of different intensities for the most realistic effect.





#### **A.MIG-1410** SLIMY GRIME DARK

Harbours, sea dioramas, ships, green stuff.

This light green colored effect is perfect for creating fresh moss and slimy surfaces caused by dampness. Apply and fade with a clean brush moist with Enamel Thinner.





## A.MIG-1411 SLIMY GRIME LIGHT

Harbours, sea dioramas, ships.

This dark green colored effect is perfect for creating moss and slimy surfaces caused by dampness. Apply and fade with a clean brush moist with Enamel Thinner.





# Pigments

With the knowledge gained by Mig Jimenez during the long experience of developing the best pigments available for modelling, he has now developed this new basic range of the most essential colors for doing any type of effect. Avoid getting lost in a more extensive range now that the most necessary and useful colors are here.



#### A.MIG-3000

#### **PIGMENT FIXER**

Enamel fixer to glue pigments in an effective way.  $^{\rm 35\,ml}$ 

Recommended product to adhere pigments to the surfaces of your models and bases. Use capillary effect to allow fluid to flow over pigment powder. Once dried, pigments are permanently adhered to the surface and return to dry color.



#### **A.MIG-3001**

#### **BLACK**

For smoke, exhaust pipes...

High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade.



#### A.MIG-3002 LIGHT DUST

Concrete, walls, floors...

High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade.





#### A.MIG-3003

#### NORTH AFRICA DUST Middle east, DAK, South Europe.

High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade.





#### A.MIG-3004

#### **EUROPE EARTH**

Europe dust, cities, dioramas.

High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade.





#### A.MIG-3005

#### MEDIUM RUST

Rusty vehicles, exhaust pipes.

High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade.





#### **A.MIG-3006**

LIGHT RUST

Rusty vehicles, exhaust pipes. 35 ml.

High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade.





#### A.MIG-3007

**DARK EARTH** 

Europe earth, Russia, dioramas.

High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade.



#### **A.MIG-3008**

TRACK RUST

Shadows, grounds, tracks, rust.

High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade.



#### A.MIG-3009 GUN METAL

Guns, tracks, metal parts.

High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade. This gun metal color is very special because you have to apply it on a surface and then rub it with your

finger or a soft tool to get the brightness of polished metal.





#### A.MIG-3010

CONCRETE

Superfine pigment for modelling.

A light grey color used to create the dusty appearance of broken concrete. High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade. Use it alone or in combination with other AMMO products.



#### A.MIG-3011 AIRFIELD DUST

Superfine pigment for modelling.

Pigment color used to create the blown dust effects on airfields and tarmacs caused by aircraft landings and take off. High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade. Use it alone or in combination with other AMMO products.



#### A.MIG-3012 SAND

Superfine pigment for modelling.

Light colored pigment used for creating a dusty desert or beach appearance on vehicles and in vignettes. High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than

a decade. Use it alone or in combination with other AMMO products.





#### A.MIG-3013

RUBBLE

Superfine pigment for modelling.

A grey color used for achieving a dusty appearance in an urban environment. High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade. Use it alone or in combination with other AMMO products.



#### A.MIG-3014

RUSSIAN EARTH

Superfine pigment for modelling.

Dark earth color ideally suited for producing mud and dust. High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade. Use it alone or in combination with other AMMO products.





#### A.MIG-3015

**BRICK DUST** 

Superfine pigment for modelling.

Terra Cotta colored pigment perfect for scenes with broken bricks or on vehicles in urban environments. High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade.

Use it alone or in combination with other AMMO products.





#### **A.MIG-3016**

WHITE

Superfine pigment for modelling.

A pigment color can be used alone to create ash or snow effects, or in combination to lighten other pigment colors. High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade.

Use it alone or in combination with other AMMO products.





#### A.MIG-3017

PRIMER RED

Superfine pigment for modelling.

A colored pigment used to richness and color variation on primer red surfaces. High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade. Use it alone or in combination with

other AMMO products.





#### A.MIG-3018

**MIDDLE EAST DUST** 

Superfine pigment for modelling.

Pigment color used to represent the dust and dirt often observed on vehicles in this important region. High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than

a decade. Use it alone or in combination with other AMMO products.





#### **A.MIG-3019**

ARMY GREEN

Superfine pigment for modelling.

A colored pigment used to add richness and color variation to green surfaces. High quality Pigment, superfine and made from natural products for exclusive use in modeling. This color is specially designed to make effects in your models using the techniques that Mig Jimenez created for more than a decade. Use it alone or in combination with









# Filters



Filter easy and ready to use directly on your model. This filter is specially designed for use on bright or white winter surfaces such as tanks, spaceships, light colored aircraft, or vehicles of the United Nations. Use the filters by moistening a brush and applying it without flooding the surface, to enrich hues in your models, unify camouflage, or highlight areas with a different tone. With these products we will avoid mixing paints, looking for the correct dilution, or searching for the correct colors for our vehicle. These filters are enamel based and can be cleaned or diluted with Odorless Enamel Thinner. Three 30 mL jars.

most genuine Mig's product now under AMMO label.



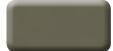
**BROWN FOR WHITE** 



**BROWN FOR DARK GREEN** 



A.MIG-1501



TAN FOR YELLOW GREEN



A.MIG-1502

DARK GREY FOR WHITE



**GREEN FOR GREY GREEN** 



A.MIG-1503

OCHRE FOR LIGHT SAND



**BLUE FOR DARK GREY** 



BROWN FOR DESERT YELLOW



TAN FOR 3 TONE CAMO



#### .MIG-7450

**FILTER SET FOR WINTER** AND UN VEHICLES Set of 3 high quality filters ready to use.

A.MIG-1500 Brown For White A.MIG-1501 Grey For White A.MIG-1502 Dark Grey For White



#### A.MIG-7451

FILTER SET FOR DESERT VEHICLES Set of 3 high quality filters ready to use.

A.MIG-1503 Ochre For Light Sand

**A.MIG-1504** Brown For Desert Yellow A.MIG-1505 Grey For Yellow Sand



#### A.MIG-7452

FILTER SET FOR GREEN VEHICLES Set of 3 high quality filters ready to use.

A.MIG-1506 Brown For Dark Green A.MIG-1507 Tan For Yellow Green A.MIG-1508 Ochre For Grey Green



#### **A.MIG-7453**

FILTER SET FOR GERMAN TANKS

Set of 3 high quality filters ready to use.

A.MIG-1509 Blue For Dark Grey A.MIG-1508 Tan For 3 Tone Camo A.MIG-1511 Brown For Dark Yellow







### **New Hyper-Realistic MUD**

Mud is one of the weathering effects modelers strive hardest to get right. For many years, lots of home-made recipes and impossible concoctions have been tried. Finally, some model brands launched ready to use acrylic mud products; but the texture was not great and not very realistic. These products, a simple mix of acrylic resin and grounded pumice stone, have been used to create textured surfaces in arts & crafts for many years but are certainly not suitable to use in advanced modeling techniques no matter how good the mud color is. In the year 2002 we began studying this problem in search of a solution, searching for a product and an application method that rendered a realistic mud effect. And it wasn't exactly easy, as various acrylic mud formulations didn't work, it became necessary to develop a new product from the ground up. Finally, and after two years of trials and testing, AMMO has developed the ultimate mud product with not just a realistic and varied range of colors, but also with many different micro-textures and a great deal of flexibility in the application method. The long drying time allows for touch-ups, corrections, or removal without risking irreparable mistakes. Hyper Realistic Mud dries rock hard and sticks firmly to the surface. Only with a product like this is it possible to make wet-on-wet mixes, just like it happens with mud in reality. The previously available acrylic products dry too quickly, so it is not possible to make corrections at this critical step of the painting process. Below I'll explain how to use Mud straight from the jar, and how to make mud splashes as well as thicker mud textures. These ideas will be put to use on a model to show the different possibilities including combining these products with natural materials. From this moment on, realistic mud effects will be simple, diverse, and within reach of any modeler.

### Nuevo BARRO hiperrealista

EL barro es uno de los efectos más buscados por los modelistas. Durante años se han buscado multitud de remedios caseros, mezclas de todo tipo y combinaciones imposibles. Finalmente algunas marcas de productos de pinturas lanzaron al mercado productos de barro acrílicos con aspecto poco creíble y que eran imposibles de utilizar por un modelista que buscara el mayor realismo. Esos productos, que eran simplemente una pasta de resina acrílica con textura de piedra pómez, son productos que se utilizaron en bellas artes durante muchos años para crear texturas, pero que de ninguna manera eran apropiados para el modelismo más avanzado, por mucho que tuvieran color de barro. Desde el año 2002 hemos estudiado el barro, buscando un método y un producto que proporcionase un efecto de barro real. Y no fue sencillo, porque los barros acrílicos no eran la solución y había que desarrollar algo nuevo. Finalmente, después de dos años de pruebas en AMMO, hemos creado el producto para barro definitivo, realista no sólo por la extensa gama de colores y matices disponible, sino también por las micro texturas que se pueden obtener, además de ofrecer al modelista una flexibilidad en la aplicación nunca vista. El largo tiempo de secado de este producto nos permite retocarlos, limpiarlo y corregirlo cuantas veces queramos, y después de su secado quedará duro y perfectamente adherido a la superficie. Sólo con este tipo de producto se pueden hacer fundidos en fresco como ocurre en la realidad. Los productos de barro existentes hasta ahora eran acrílicos y secan muy rápido, lo que impide al modelista trabajarlos o corregirlos en esta fase tan crítica del proceso de pintura. A continuación explicaremos como utilizarlo directamente del bote, como hacer salpicados y barro más denso. Después aplicaremos todos los conceptos en un modelo mostrando todas las diferentes posibilidades, incluso combinados con materiales naturales. A partir de este momento, hacer barro será más fácil y sencillo. Por fin el barro está al alcance de todos los modelistas. Descarga este artículo y muchos más en castellano en nuestra página web.

#### Differences between Heavy Mud and Splashes

AMMO has developed two very different but complimentary products. The reference HEAVY MUD is very dense and is intended to create thick accumulations of mud, both fresh and dry. Keep in mind that it doesn't have a rougher texture, but a thicker consistency, so we can obtain fine and thick textures with the same product depending on the application method and tools used. It can also be used to agglutinate different materials like sand, soil, small stones or static arass.

On the other hand, the reference SPLASHES, is better suited as its name implies to depict mud splashes and splatters. This product is much thinner, which allows a more precise application for an extremely realistic finish on our models. Diluted, it can be used as a wash on horizontal surfaces as well, creating consistent and realistic effects. Both products have a very fine texture that gives the ultimate realistic touch in any scale. Because they are enamel-based, they can be mixed and cleaned with our Enamel Thinner. An extremely important feature of these products is that the color's shade will not alter as they dry, that means the color you see in the jar will be the color on your model. Because moisture content is a critical aspect of real mud, we have created matt, satin, and gloss to better represent the different aspects of mud in all the possible conditions.



#### **MAIN USES**

- It's intended to represent large mud deposits on the running gear and the undersides of the vehicle.
- It can also be used to add a fresh sludge effect to a road or terrain.
- It can be mixed with various natural elements, as sand and small stones and roots, as well as static grass and other vegetation products to create larger more varied accumulations.
- It can also be combined with SPLASHES to make various mud textures attached to vehicles sides.

Below there is a detailed step-by-step article explaining how to use the product straight out of the jar, without adding additional textu-res. The final result is a good example of the many varied finishes that can be achieved with the MUD product.



#### MAIN USES

- It's perfect to create fresh mud splatters in the sides and lower areas of the model using a brush or toothbrush.
- It can be diluted with enamel thinners to apply small deposits of earth and dust on the horizontal surfaces.
- Use it also to apply precise accumulations around details, blending the edges with thinner for a soft, natural effect.
- It can be employed in dioramas and bases to add small dust and mud touches on buildings, roads, utility poles, and fences creating realistic environments.

Next, we give a detailed explanation of how to use this reference straight out of the bottle, with no extra textures added. The final result is one example of the many different effects that can be achieved with the SPLASHES product.





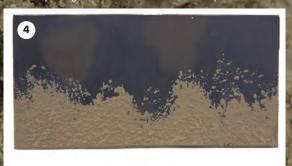
First we paint the model with an acrylic base color over a primer coat. Remember that a light colored mud works best over darker colors.



Mud is applied in the first place with a piece of packing foam or sponge dipped in MUD product.



It is lightly stippled over the surface several times to create a rough texture. Try using different foams to create a variety of textures.



This is the result of the first coat. It will be touched up later.



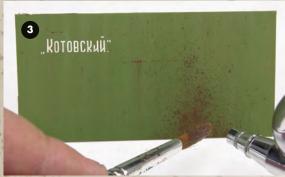
Now we use a medium-sized brush moistened in enamel thinners to correct any mistake or areas we don't like.



First we paint the model with an acrylic base color over a primer coat. Remember that a light colored mud works best over darker colors.



A paint brush is dipped in SPLASHES product, and then air is blown over it with an airbrush.



The air projects the product off the brush to create the first splashes.



Apply the splashes randomly, with more intensity in certain areas and less in others.



Now a medium brush moistened in thinners is used to blend the tiny specks with downwards strokes.

## MUD & SPLASHES



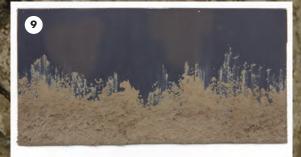
Some of the smaller stains are blended with downward brushstrokes to create a less uniform look.



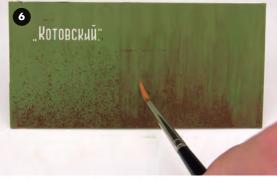
It needs to dry now for at least 24 hours, although it won't be fully cured until 3 or 4 days has passed.



After a day, the same process is repeated with more MUD product applied with a sponge.



Working in several layers we'll obtain extremely realistic-looking results as well as in scale texture with no extra additions.



All the specks are uniformly blended in vertical motions.



Now, we let it dry for 24 hours before continuing with the next stage, where we'll add more mud accumulations.



We can use a mask made from a piece of foam or paper to add more precise splashes in specific areas.



By combining various layers, we'll obtain a realistic and natural looking texture. We can also slightly dilute SPLASHES product to get finer and more precise splatters.

### MUD & SPLASHES



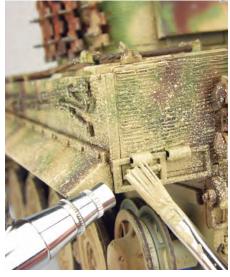
MUD products can be mixed with different natural elements to obtain extremely realistic textures. The MUD product works as binder, and once dry it will not become lighter or changes the color in any other way.



The two products are used with different techniques on this Tiger model. The SPLASHES product is used first.



When applying complex mud effects you need to start with the lighter color and Splashes. Begin making paint splatters in the lower areas by blowing air with an airbrush over a brush loaded with the product, as explained above



Apply the splashes slowly, letting them dry a little bit between coats to developing the grainy texture we normally associate with mud.



The result after several layers of splashes has to be like this. The lighter color (dried mud) should take up more surface area than the darker, fresh mud.



6 As the Splashes product takes several days to fully dry, we can modify and touch it up with ease.



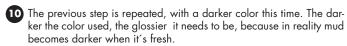
Some of the previous splatter marks are blended with a brush moistened in enamel thinners in downward motions. Although at first glance it seems the product dries quickly, it actually takes a day or two to fully cure.





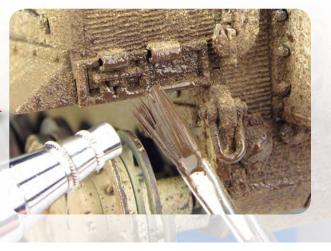


It is essential to choose the right color range. MUD and SPLASHES are available in different shades to add variety and realism to your models.





The surface is covered a little at a time, and in thin layers, allowing to dry between them to emphasize the realistic texture of these products. On the other hand, if you flood the surface, the grainy texture will be lost.



12 The more layers applied, the more satin the color will be.

## MUD & SPLASHES

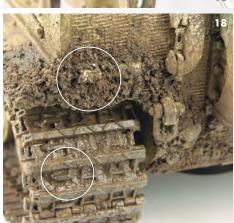




- Now we are going to create a thicker mud buildup adding fine earth and roots collected in the backyard.
- We add more or less amounts of MUD product depending on the desired consistency. The mix looks like rubber.











- Next, you can continue mixing in more earth, sand, etc. little by little to thicken the mud, especially if you go for a thick buildup.
- While it's drying, we can further refine the texture with a pair of tweezers or other pointed tools, and so achieving an even more realistic and natural appearance.
- Observe the differences between the Mud with added natural materials in the upper areas and the tracks, where the product has been used directly from the jar and the result is shinier.
- The small natural fibers can add a great deal of realism to the tracks.

## MUD & SPLASHES



Add thick mud randomly over the areas used by the crew to climb on the tank.



The front areas need careful attention and detailed work to add an irregular and natural appearance.





perfect result. With this step-by-step article, you are now ready to enjoy the brand new AMMO MUD & SPLASHES products on your next project!

2016 | AMMO OF MIG JIMENEZ | MUD & SPLASHES



Enamel soil product to mimic the thick mud accumulations found on vehicles and machinery ready to be applied to your model. This product contains a special very realistic and uneven texture that can be worked until dry. No color changes occur when dry and it is durable and resistant to handling, making it ideally suitable for players of Wargames. This mud is high density and is very compact, the modeler can use it to create large accumulations on your tank, truck or excavator. Each color and texture can be mixed together and you may even add other natural elements such as branches, leaves or dirt and rocks to make even more amazing effects. As these products are enamel, they can be diluted with A.MIG-2018 Odorless Thinner to easily create streaking effects or very smooth transitions. Dries slowly and can be retouched during the drying process to achieve different textures and effects. For the most realistic effects, lighter colors are matte and the darkest are glossy and bright to mimic effects unobtainable with mixtures of mud plaster made with moisture or other products. It is the most advanced and realistic for this innovative purpose available today. Other existing products of fine arts origins are acrylic resin mixed with an unrealistic and oversized texture, this innovative new solution has been designed specifically for realistic effects with the scale modeler in mind.

Producto para imitar el barro espeso en cualquier tipo de vehículo o maquinaria y listo para ser aplicado en tu modelo. Este producto contiene una textura especial muy realista e irregular que puede trabajarse mientras seca. No cambia de color cuando seca y es resistente al manipulado, siendo especialmente indicado para jugadores de Wargames. Este barro es de alta densidad y es muy compacto y el modelista puede usarlo para crear grandes acumulaciones en su tanque, camión o excavadora. Se pueden mezclar entre ellos y es posible incluso añadir otros elementos naturales como ramas, hojas o tierra y piedras para hacer efectos aún más sorprendentes. Como este producto es tipo esmalte, puede diluirse con aguarrás y haces efectos de escurridos o transiciones muy suaves. Seca lentamente y se puede retocar en el proceso de secado para conseguir distintas texturas. Además, los colores más claros son mates y los más oscuros son satinados y brillantes para imitar el efecto de humedad imposible de conseguir con mezclas de barro hechas con escayola u otros productos. Es el producto más avanzado y realista para hacer estos efectos y no existe nada igual en el mercado. Otros productos existentes son resinas acrílicas mezcladas con una textura poco real y sobredimensionada, pero este barro está diseñado específicamente para modelistas y no para las bellas artes.

#### A.MIG-1700 DRY LIGHT SOIL

Light Tan textured dry soil effect perfect for realistic thick deposits of dry high density soil. Realistically adds the final touches of variable textured soil to your model. Apply with a brush or spatula tool, manipulate or remove with a clean brush moist with thinner. This effect can used alone or with other enamel earth tones.





#### A.MIG-1701 THICK SOIL

Yellow Brown textured dry soil effect can be used to create the accumulation of heavy summer soil. Realistically creates the final touches of variable textured soil to your model. Apply with a brush or tool, manipulate or remove with a clean brush moist with thinner. This effect can used alone or with other enamel earth tones.





#### A.MIG-1702 TURNED EARTH

Thick Earth color enamel medium with varied texture. Useful for almost all subjects. Realistically adds the final touches of variable textured earth to your model. Apply with a brush or tool, manipulate or remove with a clean brush moist with thinner. This effect can used alone or with other enamel earth tones.





#### A.MIG-1703 MOIST GROUND

35 mL

Satin Damp Ground textured enamel medium for creating damp or wet high density ground. Realistically creates the final touches of variable textured ground to your model. Apply with a brush or tool, manipulate or remove with a clean brush moist with thinner. This effect be can used alone or with other enamel earth tones.





#### A.MIG-1704 HEAVY EARTH

Dark Mud color textured enamel medium perfect for creating accumulations of textured high density mud and earth. Realistically create the final touches of variable textured earth to your model. Apply with a brush or tool, manipulate or remove with a clean brush moist with thinner. This effect can be used alone or with other enamel earth tones.





#### A.MIG-1705 WET MUD

Fresh Wet Mud textured enamel medium realistically recreates surfaces with heavy mud accumulations. Realistically adds the final touches of variable textured mud to your model. Apply with a brush or tool, manipulate or remove with a clean brush moist with thinner. This effect can used alone or with other enamel earth tones.





# SPLASHES

Enamel Splashed Soil product realistically creates the effects of fine mud splattered and splashed as well as dense accumulations of dirt and dust on your vehicles. This product contains a special irregular and very realistic texture that is very difficult to reproduce with the classic method of mixing plaster and other outdated methods. This product is medium density that allows subtle effects of fine clay as well as very realistic accumulations of dirt and dust with a light texture. This product is an enamel type and can be mixed with other products in the AMMO range, as well as cleaned and diluted with A.MIG-2019 Enamel Odorless Thinner. By applying this product with a brush and airbrush, we get incredible effects of mud splattered on vehicles with a realism never seen before. Corrections and adjustments can be made over several hours and cures to a permanent and durable finish. For the most realistic effects, lighter colors are matte and the darkest are glossy and bright to mimic effects unobtainable with mixtures of mud plaster made with moisture or other products. It is the most advanced and realistic for this innovative purpose available today. Other existing products of fine arts origins are acrylic resin mixed with an unrealistic and oversized texture, this innovative new solution has been designed specifically for realistic effects with the scale modeler in mind.

Producto para hacer efectos de barro fino salpicado o acumulaciones de tierra y polvo denso en tus vehículos. Este producto contiene una textura especial, irregular y muy realista que es muy difícil de reproducir con el método clásico de mezclar escayola y otros productos. Este producto es de media densidad y permite hacer defectos de barro sutiles y finos, así como acumulaciones muy realistas de tierra y polvo con una ligera textura. Este producto es tipo esmalte y puede mezclarse con otros productos de la gama AMMO, pero también permite limpiarse y diluirse con AMMO OUDERLESS THINNER. Aplicando este producto con un pincel y aire de un aerógrafo, conseguiremos efectos increíbles de salpicado de barro en nuestros vehículos con un realismo nunca visto antes. Permite corregir durante las siguientes horas y cuando seca queda fijado para siempre. Además, los colores más claros son mates y los más oscuros son satinados y brillantes para imitar el efecto de humedad imposible de conseguir con mezclas de barro hechas con escayola u otros productos. Es el producto más avanzado y realista para hacer estos efectos y no existe nada igual en el mercado.

#### A.MIG-1750 DRY EARTH

Light Tan textured dry soil effect perfect for realistic touches of dry light colored medium density soil. Realistically creates the final touches of variable textured soil to your model. Apply with a brush or spatula tool, manipulate or remove with a clean brush moist with thinner. This effect can used alone or with other enamel earth tones.





#### A.MIG-1751 DRY STEPPE

Yellow Brown textured dry soil effect can be used to create the accumulation of medium density dry summer soil. Realistically adds the final touches of variable textured soil to your model. Apply with a brush or tool, manipulate or remove with a clean brush moist with thinner. This effect can used alone or with other enamel earth tones.





#### A.MIG-1752 LOOSE GROUND

Earth color enamel medium with varied texture. Useful for almost all subjects. Realistically creates the final touches of variable medium textured earth to your model. Apply with a brush or tool, manipulate or remove with a clean brush moist with thinner. This effect can used alone or with other enamel earth tones.





#### A.MIG-1753 TURNED DIRT

Satin Damp Ground textured enamel medium for creating medium density damp or wet ground. Realistically creates the final touches of variable textured ground to your model. Apply with a brush or tool, manipulate or remove with a clean brush moist with thinner. This effect be can used alone or with other enamel earth tones.





#### A.MIG-1754 DAMP EARTH

Dark Mud color textured enamel medium perfect for creating accumulations of medium density textured mud and earth. Realistically add the final touches of variable textured earth to your model. Apply with a brush or tool, manipulate or remove with a clean brush moist with thinner. This effect can be used alone or with other enamel earth tones.





#### A.MIG-1755 WET GROUND

Fresh Wet Ground textured enamel medium realistically recreates surfaces with medium density mud accumulations. Realistically add the final touches of variable textured mud to your model. Apply with a brush or tool, manipulate or remove with a clean brush moist with thinner. This effect can used alone or with other enamel earth tones.





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tigh quality water base acrylic paint sets. Each set includes 4 acrylic color analysed, research and develop by experts for maximum accuracy to real aircraft that allow us to obtain the correct colors in our model kits. Our range is specially formulated for maximum brush & airbrush performance in just one bottle. 17ml jar. Each jar includes a dropper and a stainless steel agitator to facilitate mixture. Water soluble, odorless, non-flamable and non-toxic. Shake thoroughly before each use. We recommend A.MIG-2000 Acrylic Thinner for thinning if necessary and A.MIG-2016 Transparator for semi-transparent coats. Dries completely in 24 hours in a high resistant coat.

Sets de pintura acrílica base agua de la más alta calidad. Cada set incluye 4 colores analizados, investigados y desarrollados por expertos para obtener la máxima fidelidad a los aviones reales y poder obtener el color exacto en nuestras maquetas. Nuestra gama está desarrollada para obtener los máximos resultados tanto a aerógrafo como a pincel comprando un solo bote. Cada bote de 17 mL incluye un dosificador y un agitador de acero inoxidable para facilitar el mezclado. Solubles en aqua, inodoras, no inflamables y no toxicas. Agitar completamente antes de usar. Recomendamos diluir con A.MIG-2000 Acrylic Thinner en caso de necesidad y A.MIG-2016 Transparator para obtener capas semitransparentes. Secan completamente en 24 horas en un capa de alta





#### IAF DESERT COLORS

Accurate colors for IAF Federal Standard colors.

Acytic paints. 4 jars. 17 ml.

First range of high quality paints with FEDERAL STAR-NDARD references for aircrafts. This pack of 4 colors includes the three camouflage colors for most of Israeli fighters and the color for lower parts, a characteristic gray. The colors are based on FEDERAL STANDARD references and colors are accurate.

Included colors: A.MIG-200 FS 33531

A.MIG-201 FS 34424 Light Gray

**A.MIG-202** FS 30219 Tan **A.MIG-203** FS 36375 Light Compass Ghost Gray





US NAVY COLORS from 80's to present Accurate colors for USN Federal Standard colors

High quality paints with FEDERAL STANDARD references for aircrafts. This pack includes the four colors most widely use by USN from 80's to present. This includes the initial 3 tone and current 2 tone camouflages of F-18, the tactical and the late schemes for F-14... etc. The colors are based on FEDERAL STANDARD references and colors are accurate, although slightly clarified to offset the effect of any scale model.

**A.MIG-203** FS 36375 Light Compass Ghost Gray **A.MIG-208** FS 36320 Dark Compass Ghost Gray

**A.MIG-209** FS 36495 Light Gray **A.MIG-210** FS 35237 Gray Blue





#### A.MIG-7202

**USAF COLORS Grey Modern Jets** Accurate colors for USAF Federal Standard colors.

High quality paints with FEDERAL STANDARD references for aircrafts. This pack of 4 colors includes the grey colors most widely use by USAF jets. This includes any F-1.5, F-1.6 early in 3 tones, F-4 Phantom II in Hill 1 scheme... etc. The colors are based on FEDERAL STAN-DARD references and colors are accurate, although slightly clarified to offset the effect of any scale model.

#### Included colors:

A.MIG-203 FS 36375 Light Compass Ghost Gray A.MIG-204 FS 36118 Medium Gunship Gray A.MIG-208 FS 36320 Dark Compass Ghost Gray A.MIG-211 FS 36270 Medium Gray





#### A.MIG-7203

UK AIRCRAFT COLORS from 50's to present

Accurate BS colors for UK modern aircrafts.

High quality paints for aircrafts. The set includes the equivalent Federal Standard colors for BRITISH STAN-DARD used by RAF since 50's. This pack of 4 colors contain all most common colors, so we can paint any Harrier, Gloster Javelin, Tornado, Phantom, Bucca-neer... The colors are based on references BRITISH STANDARD and are accurate colors, although slightly clarified to offset the effect of any scale model.

A.MIG-204 FS 36118 Medium Gunship Gray

**A.MIG-205** FS 26173 (BS 638) **A.MIG-206** FS 34079 (BS 641) A.MIG-207 FS 36314 (BS 626)





MiG & SU COLORS Grey & Green Fighters Accurate colors grey MiG and SU jets.

High quality paints for aircrafts. The set includes the equivalent Federal Standard colors for greys used on MiG and SU jets. This pack of 4 colors contain all most common colors, so we can paint MiG-21, MiG-29, SU-24... and radomes of most of the aircrafts. The colors are accurate colors, although slightly clarified to offset the effect of any scale model.

Included colors: **A.MIG-203** FS 36375 Light Compass Ghost Gray **A.MIG-204** FS 36118 Medium Gunship Gray **A.MIG-212** FS 26373 Silver Grey

A.MIG-213 FS 24277 Green





#### A.MIG-7205

60S-70S USAF TAC COLORS (also Vietnam era)

Accurate colors for USAF Federal Standard references

High quality paints with FEDERAL STANDARD references for aircraft. This pack of 4 references includes the colors used by USAF aircraft on Vietnam era (60's and 70's). This includes F-4 Phantom, A4 Skyhawk, F-5, etc. The colors are accurately based on FEDERAL STANDARD references, lightened for scale reduction

Included colors: **A.MIG-004** FS 34102 Reseda Green

**A.MIG-202** FS30219 TAN **A.MIG-206** FS 34079 (BS 641) **A.MIG-226** FS 36622 Gray





ARGENTINIAN COLORS VOL.1 (Also Falklands War)

Accurate colors for Argentinian aircraft.

Acrylic paints. 4 jars. 17 mL

High quality paints with FEDERAL STANDARD references for aircrafts. This pack of 4 colors includes those used on Argentinian Airforce aircraft from 70's to 90's, including Falklands War. These colors can be used on the Delta Dagger, Mirage, Hercules, and many others. The colors are based on FEDERAL STANDARD references and lightened for scale reduction effect.

#### Included colors

**A.MIG-004** FS 34102 Reseda Green **A.MIG-067** IDF Sand Grey 73 **A.MIG-206** FS 34079 (BS 641)





#### .MIG-7207

**US NAVY WWII COLORS** 

Accurate colors for US Navy WWII aircrafts

High quality paints for aircrafts. The set includes the equivalent Federal Standard colors for US Navy colors used during WWII (ANA color chart). These colors can be used on the Corsair, Buffalo, Hellcat, Avenger, Dauntless, and many others. The colors are based on FEDERAL STANDARD references and colors are accurate, although lightened for scale reduction effect.

#### Included colors

A.MIG-047 Satin White
A.MIG-221 FS 33481 Zinc Chromate Yellow **A.MIG-227** FS 25042 Sea Blue (ANA 606)

A.MIG-228 FS 35164 Intermediate Blue (ANA 608)



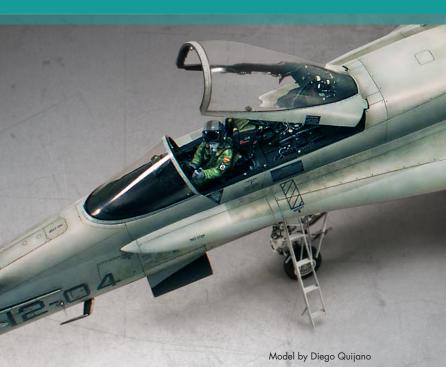




# CUCAPIS

Specific sets to paint cockpits and aircraft interiors. Each set includes one acrylic paint and two enamel products. The acrylic provides us the correct base color and the enamel help us to easily obtain the specific dirty and realistic aspect for our kits on cockpits

Sets específicos para pintar cockpits e interiores de aviones. Cada set incluye una pintura acrílica y dos productos esmalte. El acrílico nos dará el color base exacto y los esmaltes nos ayudarán a obtener fácilmente el aspecto sucio y realista especifico de los cockpits e interiores de nuestro kit.



#### MIG-7430 **EARLY LUFTWAFFE COCKPITS**

Basic set for painting and weathering on early Luftwaffe cockpits painted in RLM 02 Grau and landing gear or undercarriage surfaces, this set contains an acrylic base color, a wash, and pigment for creating dirty and realistic effects on the cockpits and interior areas. Application methods are shown in the book 'Encyclopedia of Aircraft' Vol.1.

This set contains:
AMIG-217 RLM 02 GRAU
AMIG-1000 BROWN WASH FOR
GERMAN DARK YELLOW
AMIG-3013 RUBBLE





#### .MIG-7431

LATE LUFTWAFFE COCKPITS

Basic set for painting and weathering on Late Luftwaffe cockpits painted in RLM 66 SCHWARTZGRAU, this set contains an acrylic base color, a Panel Line Wash, and filter color to recreate weathering effects on most popular German late aircraft cockpits such as Me-109, Fw-190. Application methods are shown in the book 'Encyclopedia of Aircraft' Vol. 1.

This set contains:

AMIG-218 RLM 66 SCHWARTZGRAU

AMIG-1602 PLW DEEP GREY

AMIG-1509 BLUE FOR DARK GREY





#### A.MIG-7432 WW II BRITISH COCKPITS

Basic set for painting and weathering on WWIII British cockpits painted in BS 283 color, this set contains an acrylic base color, a wash, and pigment for creating dirty and realistic effects in the cockpits. Application methods are shown in the book 'Encyclopedia of Aircraft' Vol.1.

This set contains:

AMIG-219 F534226 (BS283)
INTERIOR GREEN
AMIG-1003 INTERIOR WASH
AMIG-3004 EUROPE EARTH





#### A.MIG-7433 WW II USA COCKPITS

Basic set for painting and weathering on FS34151 Interior Green color in WWII USAF / US NAW cockpits, this set contains an acrylic base color, a wash, and streaking effects to create dirt on the cockpits of most common American aircraft as P-51, P-40, P-38, CORSAIRS, HELICATS or AVENGERS. Application methods are shown in the book 'Encyclopedia of Aircraft' Vol. 1.

This set contains:

AMIG-220 FS34151 ZINC CHROMATE
GREEN (Interior Green)

AMIG-1005 DARK BROWN WASH
FOR GREEN VEHICLES

AMIG-1203 STREAKING GRIME





#### **A.MIG-7434** WW II USA INTERIORS

Basic set for painting and weathering on FS 33481 Zinc Chromate color in WWII USAF / US NAVY interiors, landing gears, or undercarriage surfaces of American-produced aircraft. This set contains an acrylic base color, a PIW wash, and nature effect for creating dirt on the internal fuselage surfaces, landing gear, or undercarriage surfaces. Application methods are shown in the book 'Encyclopedia of Aircraft' Vol.1.

This set contains:

AMIG-221 FS33481 ZINC CHROMATE
YELLOW

AMIG-1616 PLW ORANGE BROWN
AMIG-1407 ENGINE GRIME





### **A.MIG-7435**

MODERN RUSSIAN COCKPITS

Basic set to painting and weathering Modern Russian cockpits and SCUD vehicles. This set contains an acrylic base color, a PIW wash, and a filter to create dirry and real effects on early modern Russian jets as MiG-21, MIG-23, MIG-25, MIG-25, MIG-27, MIG-31, Early's MiG-29, and Mi-8,Mi-24. Application methods are shown in the book 'Encyclopedia of Aircraft' Vol.1.

This set contains:

AMIG-223 INTERIOR TURQUOISE
GREEN
AMIG-1505 GREY FOR YELLOW SAND
AMIG-1008 NATO CAMOUFLAGES
WASH





#### A.MIG-7436 **US MODERN COCKPITS**

Basic set to painting and weathering on US Modern cockpits painted on FS36231. This set contains an acrylic base color, a wash, and a Panel Line Wash for creating a dirty and realistic effect on most famous American jets us F-16, F-18, F-15, F-14, Phantoms, Skyhawks, and Intruders. Application methods are shown in the book Encyclopedia of Aircraft' Vol.1.

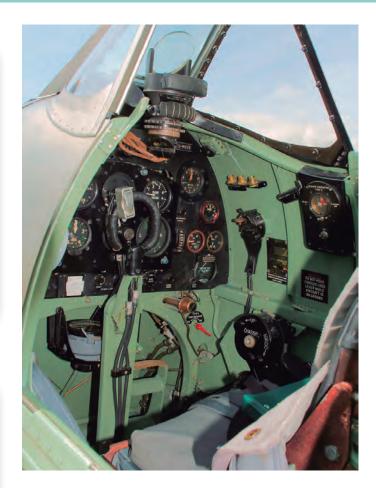
This set contains:

AMIG-205 FS36231 (BS 638) AMIG-1007 US MODERN VEHICLES WASH

AMIG-1613 PLW BLUE GREY











# MACAGE UESTACHIC ENSMELS

Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains. Panel Line Washes are Enamel base products in 35 mL jars and you can easily clean or remove excess with Enamel Thinner for hours.

In addition AMMO offers a range of sets combining all necessary Panel Line Washes for specific subjects.

Nuestro rango de Lavados para Paneles está especialmente diseñado para los paneles de los aviones. Estos productos son también perfectos para obtener efectos sutiles en otras temáticas como Ciencia Ficción, barcos o trenes. Los Lavados para Paneles son productos en bote de 35 mL en base Esmalte, así que se pueden limpiar o quitar el exceso fácilmente con diluyente de esmaltes durante horas.

Adicionalmente AMMO ofrece una gama de sets combinando todos los Lavados para Líneas de Paneles necesarios para una temática en con-

#### **A.MIG-7414**

GERMAN EARLY FIGHTERS AND BOMBERS
Washes for german fighters and bombers of WW2
Set with 3 Panel Line Wash izes 3 x 35ml.

Set for washes and defining panel lines of initial German fighters up to 1940 and bombers throughout World War II.

Includes 3 colors from the Panel Line Wash line, allowing us to easily outline these aircraft:

#### A.MIG-1608

PLW Dark Green Grey, for RLM 70 and 71 colors.

#### A.MIG-1610

PLW Tan Grey, for RLM 65.

#### A.MIG-1616

PLW Orange Brown, perfect for all yellow details in RLM 04, common of this era.





Model by Francisco Carlos Soldán

#### A.MIG-7415

GERMAN LATE FIGHTERS
Washes for german late fighters in WW2
Set with 3 Panel Line Worth irrs, 3 x 35ml

Set for washes and defining panel lines of late World War II German fighters.

Includes 3 colors from Panel Line Wash line, allowing us to easily outline these aircraft:

#### A.MIG-161

PLW Black Night, for green colors RLM 81 and RLM 82.

#### A.MIG-1612

PLW Green Brown, for RLM 83.

#### A.MIG-1613

PLW Blue Grey, perfect for colors RLM 76 and RLM78.





#### A.MIG-7416

RAF FIGHTERS AND BOMBERS
Washes for RAF fighters and bombers of WW2
Set with 3 Propol in Mark into 3 x 35ml

Set for washes and defining panel lines of RAF fighters and bombers during World War II.

Includes 3 colors from Panel Line Wash line, allowing us to easily outline these aircraft:

#### A.MIG-1609

PLW Storm Grey, perfect for grey bluish use in lower areas.

#### A.MIG-1614

PLW Neutral Brown, to panel Brown and Green colors of upper areas.

#### A.MIG-1615

PLW Stone Grey for Black, for green color.





#### A.MIG-7417

#### WWII PACIFIC US NAVY AIRPLANES

Washes for german fighters and bombers of WW2
Set with 2 Panel Line Wash iars and a streaking effect enginel. 3 x 35mL

Weathering set for U.S. Navy aircraft in the Pacific during World War II.

Includes 2 colors from Panel Line Wash line, allowing us to easily outline the colors of these aircraft:

#### A.MIG-1603

PLW DARK SEA BLUE, for the dark blue of upper surfaces.

PLW PACIFIC DUST, for light blue of lower surfaces and the typical dust produced on airfields in Pacific Islands.

This set also includes the streaking effect
A.MIG-1203

STREAKING GRIME which allows us realize typical dirt effects of aircraft of the US Navy in the Pacific Theater.





#### .MIG-7418

#### **WWII JAPANESE AIRPLANES**

Washes for japanese fighters and bombers of WW2 Set with 3 Panel Line Wash jars 3 x 35mL

Set for washes and defining panel lines of Japanese aircrafts during World War II.

Includes 3 colors from Panel Line Wash line, allowing us to easily outline these aircraft:

#### A.MIG-1605

PLW Dark red Brown, perfect for the typical red color of Hinomaru.

#### A.MIG-1606

PLW Medium Tan, for green colors used on Japanese aircrafts.

#### A.MIG-1607

PLW Sky Grey, for yellow/ grey color.





#### .MIG-7419

**US NAVY GREY JETS** 

Washes for modern grey jets Set with 3 Panel Line Wash jars. 3 x 35mL

Set for washes and defining panel lines of modern jets such as those from US Navy.

Includes 3 colors from Panel Line Wash line, allowing us to easily outline these aircraft:

#### A.MIG-1600

PLW Light Grey, for light grey tones.

#### A.MIG-1601

PLW Medium Grey, for medium grey colors.

#### A.MIG-1602

PLW Deep Grey, for dark grey colors.



AIRPLANES ENGINES AND EXHAUSTS

Pigments and nature effect enamel for weathering Set with 2 pigment jars and enamel one  $3\times35mL$ 

Weathering aircrafts set. With this set you can add life easily to an engine and exhaust of your airplane, creating the effects of spilled fuel, little touches of rust, and general maintenance spills.

The set includes an enamel product to paint spilled fuel

#### (A.MIG-1408

FRESH ENGINE OIL) and two pigments perfect to rust and blacken exhaust and other areas of the aircraft

(A.MIG-3001 BLACK and A.MIG-3008 TRACK RUST).







## AIR WEATHERING ENAMELS

#### A.MIG-7421

#### **AIRPLANES DUST EFFECTS**

Pigments and nature effect enamel for weathering Set with 2 pigment jars and enamel one. 3 x 35mL

Weathering aircraft set. With this set you can easily add dust and dirt effects to your plane in a realistic way.

Set includes two dusty pigments tones perfect for the dust and dirt on exterior of the aircraft, the undercarriage, and cabin interiors.

#### (A.MIG-3002

LIGHT DUST and DUST AIRFIELD **A.MIG-3011**)

and an enamel product effect which will perfectly complement the pigments

(**A.MIG-1403** EARTH).





#### **A.MIG-7422**

IIWW SOVIET FIGHTERS (Green & Black camouflages)
Washes for green and black soviet fighters of WW2
Set with 3 Panel Line Wash jars 3 x 35mL

Set for washes and defining panel lines of Russian fighters during World War II .

Includes 3 colors from Panel Line Wash line, allowing us to easily outline these aircraft:

#### A.MIG-1612

PLW Green Brown, for green camouflage.

#### A.MIG-1615

PLW Stone Grey for Black, for black camouflage.

#### A.MIG-1619

PLW Blue Dirt, for grey blue plane's undersides.





#### A.MIG-7423

#### **METALLIC AIRPLANES & JETS**

Washes for metallic airplanes and jets Set with 3 Panel Line Wash jars 3 x 35mL

Set for washes and defining panel lines of any airplanes and jets in natural metal.

Includes 3 colors from Panel Line Wash line, allowing us to easily outline these aircraft with different intensities for each area. Also useful for jet engines parts and hydraulic systems:

#### A.MIG-1602

PLW Deep Grey

#### A.MIG-1617

PLW Blue Black

#### A.MIG-1618

PLW Deep Brown



#### **A.MIG-7424**

#### **DESERT AIRPLANES SET**

Washes for desert airplanes Set with 3 Panel Line Wash jars. 3 x 35mL

Set for washes and defining panel lines of all aircraft and jets in a desert theatre, as well as green aircraft such as P40 Warhawk, Chinook, Apache, UH60, etc painted in green with dust accumulations. This set is also perfect for other subjects like sci-fi or civil vehicles in a dusty environment. Includes 3 colors from Panel Line Wash line, allowing us to easily outline our kits with different intensities for each area.

Includes new colors:

#### A.MIG-1620

PLW Dust

#### A.MIG-1621

PLW Shadow for Desert Brown

#### A.MIG-1622

PLW Ochre for Sand Camo





## PANEL LINE WASH



#### MIG-1600

**PLW LIGHT GREY** 

For light grey tones

Light gray panel wash: perfect for aircraft painted in white or very light gray colors, such as Vietnam era aircraft or those in winter camouflage. It is also useful for ships, Science Fiction subjects, and any vehicle in light gray or winter color. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains





#### A.MIG-1601

**PLW MEDIUM GREY** 

For medium grey

Medium gray panel wash, perfect for aircraft painted in medium or light gray, such as some modern U.S. Naval aircraft. It is also useful for ships, Science Fiction subjects, and any vehicle a light gray paint scheme. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





#### .MIG-1602 **PLW DEEP GREY**

For dark grey colors

Dark gray panel wash, perfect for aircraft painted in medium or dark gray. It is also useful for ships, Science Fiction spacecraft and any vehicle depicted in medium or dark grey. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





#### .MIG-1603

**PLW DARK SEA BLUE** 

For the dark blue of upper surfaces

Panel wash for US aircrafts of World War II in the Pacific Theater of Operations, painted in dark blue such as Corsairs, Hellcats, and many other Marine Corp. & Naval aircraft. It is also very useful for any science fiction subject, ships, or vehicles painted in blue. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains





#### A.MIG-1604

**PLW PACIFIC DUST** 

For the typical dust produced on airfields in Pacific Islands

Panel wash for Pacific theatre dusty tones. Perfect for dust effects created on Pacific airfields during World War II. Designed for aircraft painted in shades of blue or green. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





#### A.MIG-1605

PLW DARK RED BROWN

For the typical red color of Hinomaru 35 ml

Specific panel wash to darken red colors in all types of vehicles, machinery, and roundels (Hinomaru) of Japanese planes during World War II. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





#### A.MIG-1606 **PLW MEDIUM TAN**

For green colors used on Japanese aircrafts

Wash for dust-colored panels, perfect for vehicles and aircraft in very dark green color, like the Japanese aircraft of World War II. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.







#### .MIG-1607

**PLW SKY GREY** 

For yellow/grey color

Wash for aircrafts and vehicles with panels painted in light colors such as light gray Japanese aircraft of World War II aircraft. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





#### .MIG-1608

PLW DARK GREEN GREY

For RLM 70 and RLM 71 colors

Specific panel wash for RLM 70 and 71 colors, typical for German aircrafts during the Second World War. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





#### A.MIG-1609

**PLW STORM GREY** 

For grey bluish in lower areas

Specific panel wash for pale bluish grey colors, such as those in the bellies of the fighters of the RAF during the Second World War. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





#### .MIG-1610 **PLW TAN GREY**

For RLM 65 color

Specific panel wash for RLM 65 color, typical of German aircraft during Second World War on bellies of fighters and bombers. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





#### A.MIG-1611

**PLW BLACK NIGHT** 

For green colors RLM 81 and RLM 82

Very dark wash specific for panels on RLM 81 and RLM 82 colors typical for German Luftwaffe aircraft during late Second World War. It is also perfect for any other tone or subject that requires a very dark panel wash. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





#### .MIG-1612

**PLW GREEN BROWN** 

For RLM 83 color

Specific panel wash for green colors such as RLM 83 typical for German Luftwaffe aircraft of the Second World War. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





#### A.MIG-1613 **PLW BLUE GREY**

For RLM 76 and RLM 78

Panel wash for light blue and gray colors like RLM 76 and RLM78 of German Luftwaffe aircraft of late Second World War. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





#### .MIG-1614

**PLW NEUTRAL BROWN** 

To panel Brown and Green colors of upper areas

Panel wash perfect for green and brown camouflage colors used in fighters and bombers of the R.A.F. in World War II. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





#### .MIG-1615

PLW STONE GREY FOR BLACK

For green colors

Specially designed color for panel washes on black colored surfaces. Perfect for modern submarines, locomotives, or R.A.F. night fighters & bombers of World War II. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





#### A.MIG-1616

**PLW ORANGE BROWN** For yellow details in RLM 04

Specific panel wash to darken yellow colors on all kinds of surfaces, such as robots, locomotives, mechinery, or RLM 04 colored German Luftwaffe aircraft of World War II. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft, and is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





#### A.MIG-1617

**PLW BLUE BLACK** 

For dark shades of metallic surfaces

Blue Black Panel Wash. Perfect for dark shades of metallic surfaces such as jet engines and lower parts of natural metal aircraft. It is also useful for ships, Science Fiction subjects, and any vehicle on dark greys or dark metals. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft. It is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains





#### .MIG-1618

**PLW DEEP BROWN** 

For darkest shades of metallic surfaces

Deep Brown Panel Wash. Perfect for darkest shades of metallic surfaces such as jet engines and hydraulic suspensions of modern aircraft. It is also useful for ships, Science Fiction subjects, and any vehicle with engines or hydraulic systems. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft. It is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





#### A.MIG-1619 **PLW BLUE DIRT**

For blue surfaces such as lower parts

Blue Dirt Panel Wash. Perfect for blue surfaces such as lower parts of WW II Russian aircraft. It is also useful for ships, Science Fiction subjects, and any vehicle on blue tones. Our Panel Line Wash range is specially designed to create soft washed panel lines in aircraft. It is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains





#### **A.MIG-1620 PLW NEUTRAL DUST**

Dust tones for green colors in Desert

Dust color Panel Line Wash. Perfect for green surfaces in desert environments such as P40 Warhawk, Chinook, Apache, or UH60. PLW DUST is also useful for Science Fiction subjects and any vehicle in green tones and dusty appearance. Our Panel Line Wash range is specially designed to create soft washed panel lines of aircraft. It is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and trains.





PLW SHADOW FOR DESERT BROWN

For outline dark colors in Desert

Dust color Panel Line Wash. Perfect for dark surfaces on medium brown aircrafts in desert colors. It is also useful for Science Fiction subjects and any vehicle on dark tones and dusty appearance. Our Panel Line Wash range is specially designed to create soft washed panel lines on aircraft. It is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and





#### .MIG-1622

PLW OCHRE FOR SAND CAMO

For outline light tones in Desert

Dust color Panel Line Wash. Perfect for sand color aircrafts in desert environments. This wash is also useful for Science Fiction subjects as well as any vehicle in sand tones with a dusty appearance. Our Panel Line Wash range is specially designed to create soft washed panel lines on aircraft. It is also perfect for other vehicles where we want to obtain subtle effects such as science fiction subjects, ships and

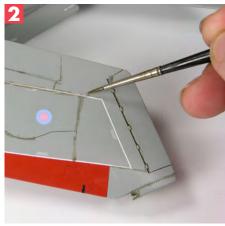






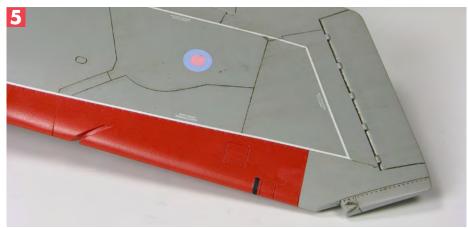




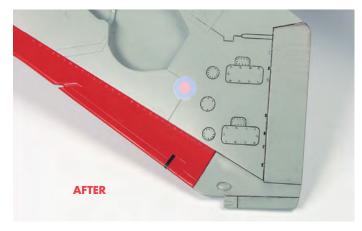




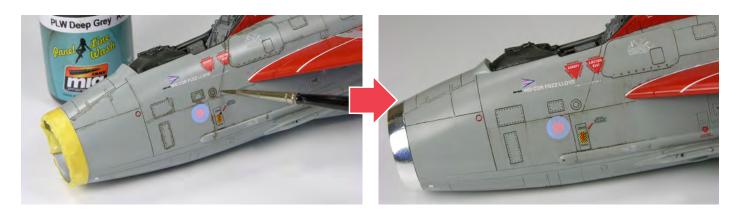








## PANEL LINE WASH





# the original Alclad TT Metal

The authentic metallic colors, famous worldwide, now distributed by AMMO







A.MIG-8201



A.MIG-8202 DURALUMINIUM ALC102



A.MIG-8203 DARK ALUMINIUM ALC103



A.MIG-8204
POLISHED ALUMINIUM ALC105



(A)E

**A.MIG-8205** CHROME FOR PLASTIC ALC107



**A.MIG-8206** POLISHED BRASS ALC109



**A.MIG-8207** COPPER ALC110



**A.MIG-8208** JET EXHAUST ALC113



A.MIG-8209 BURNT IRON ALC121



GLOSS BLACK BASE PRIMER ALC305



A.MIG-8211 BLACK MICROFILLER ALC309



ALCLAD II METAL



New partnership Alclad 2 UK and AMMO of Mig Jimenez. The original product under AMMO label.

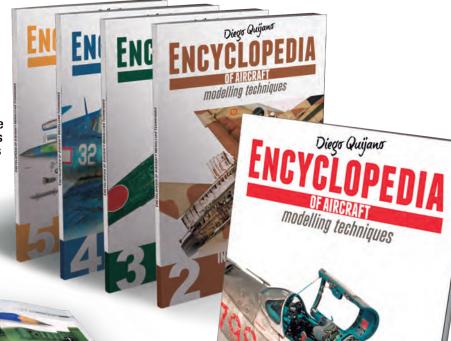




# ENGYGLOPEDIA

Diego modelling techniques
Quijano

- ✓ The definitive collection of weathering and assembling techniques for aircraft models.
- 5 Volumes to be released.
- ✓ More than 700 pages with all of the necessary information for all levels of modelers. With photo references and highly detailed step by step instructions, all necessary techniques for assembly and painting any kit are included.
- More than 3.500 large high quality images in full color.
- ✓ WWI, WWII and jet fighters.















# Publications

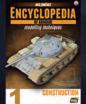
THE NEWEST AND MOST INNOVATIVE MODELING TECHNIQUES EXPLAINED LIKE NEVER BEFORE BY...

# MIG JIMENEZ

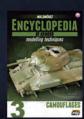
The definitive Encyclopedia

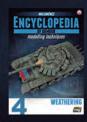


THE DEFINITIVE COLLECTION OF WEATHERING AND ASSEMBLING TECHNIQUES FOR MILITARY VEHICLES / 5 VOLUMES TO BE RELEASED / MORE THAN 800 PAGES WITH ALL OF THE NECESSARY INFORMATION FOR ALL LEVELS OF MODELERS. WITH PHOTO REFERENCES AND HIGHLY DETAILED STEP BY STEP INSTRUCTIONS, ALL NECESSARY TECHNIQUES FOR ASSEMBLY AND PAINTING ANY KIT ARE INCLUDED / MORE THAN 4.500 LARGE HIGH QUALITY IMAGES IN FULL COLOR / WWI. WWII AND MODERN VEHICLES















#### **A.MIG-6000**

**TIRAN In Lebanese Wars** 

Samer Kassis More than 300 original photos in full color, 6 color profiles, walk around, burn out TIRANs.

In its 96 pages, this book will show the modeler over 300 unpublished and high quality photos of the Tiran. It includes photos of this tank in combat, destroyed, variants, on maneuvers, a walk-around of all the details, and more. The modeler will also enjoy the innumerable effects, damage, deterioration, grease, chipping, etc, this vehicle presented during its operational life and use them as inspiration for their models not only of Tiran but any other tank. In addition the book provides countless ideas for diorama modelers. Undoubtedly the best work of Samer Kassis.









#### **A.MIG-6001**

**SS Waffen Colors** Camouflage Profile Guide

By Mig Jimenez, Jan Kubitzki & Carlos Cuesta.





Through 80 pages and more than 180 profiles, this book examines the history of colors and camouflage used by the Waffen SS on their vehicles. From a BMW sidecar  $75\,\mathrm{prior}$ to the invasion of Poland to the King Tiger  $501\ s.SS.Pz.Abt$  used by LAH Peiper in the Ardennes, this book covers a wide variety of vehicles, colors, and camouflage used by this dark branch of the Wehrmacht. It also provides useful information about the units, fronts, and different equipment levels of this unit. With this much information, modelers will find both inspiration and useful information to deal with their next model.





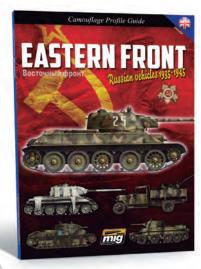


#### **A.MIG-6007 EASTERN FRONT**

Russian Vehicles 1935-1945

Camouflage Profile Guide 80 pages

In this book you will find all the inspiration you need to make original Soviet vehicles with a wide and never seen variety of colors, effects, and camouflage. Through 80 pages this book discovers that the Soviets vehicles of the Second World War were not only painted green. Here you have more than 180 profiles which are strictly based on historical photos, many of them never seen before, in which the colors have been studied in depth. The book includes in depth information for each of the vehicles shown as well as a technical introduction to the Soviet paint, its chemistry, and its application, obtained from sources from former USSR countries. This is the definitive guide to the colors in the Soviet period from 1935 to 1945.





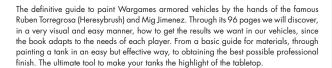




#### **A.MIG-6003**

Painting Wargame Tanks
Step by step guide to paint Wargame vehicles.
By Rubén Torregrosa and Mly Jimenez.

96 pages













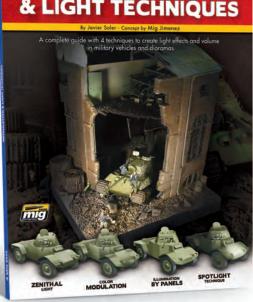
#### **A.MIG-6006**

**Modulation And Light Techniques** Guide with 106 pages to paint models with light effects.





This book explains in depth in an educational and visually easy to follow format, how to apply various light effects on your models, including the famous modulation technique. Through its 106 pages, hundreds of photos and numerous diagrams show how to obtain more from your models and give them more life and personality. To do this the authors Javier Soler and Mig Jimenez explain 4 different ways of painting lighting effects on our models: color modulation, zenithal light, spot light, and illumination by panels.











#### **A.MIG-6016 BLACK & WHITE TECHNIQUE** By José Luis López 112 pages







**TECHNIQUE** José Luis López

Jose Luis Lopez has created his own style aptly named the Black & White technique and the results have quickly become popular worldwide. This book is the newest and latest of the author's and these more than 100 pages are lush in technical detail, explaining the entire process with numerous step by step examples as well as insightful theoretical reflection. The technique allows us to layer the effects of wear, chipping, and dirt in a simpler manner than usual by using a Black & White foundation for our base color(s). Once our translucent base colors are applied, each subject automatically acquires three-dimensional volume and layered weathering effects. Only in this unique book can you find all of the secrets of Jose Luis Lopez innovative and versatile approach. Through numerous in-depth examples, photo rich step by step demonstrations bring stunning results to modelers of all genres and skill levels.











#### MIG-4500

ISSUE 1 - RUST



#### **RUST**

The first issue is dedicated to rust and shows many different methods of application on ships, tanks, tracks, civil vehicles and much more. Also, this first issue contains many visual references and reviews of a wide range of products related to this subject. Finally it includes a report covering the 2012 Shizouka show.

As something refreshing, a new character will guide the modeller in each subject changing our hobby for a more fun and entertaining experience.

- \*Rusting a Paper Panzer / Mig Jimenez
- \*Raw Steel Plate/Mr.Scratchmod
- \*Bare Metal Armour/Martin Kovás
- \*Weathering a Box Car/John Murphy
- \*Rust on the High Sea/FranRomero
- \*Old Metal Fixtures & Fittinas John Murphy
- \*Weathering White Metal Tracks Mig Jimenez
- \*Small Chips & Rust Stains / John Murphy
- \*M60A1 "Less is More" / Chris Jerrett
- \*Sand Blown Old Rusty Steel Marc Reusser
- \*Rust Reference Photos
- \*Color Profiles / Claudio Fernández
- \*Rusty Beetle / David Martí
- \*Choose the Right Products
- \*Postcards From the World /Shizuoka

#### .MIG-4501

ISSUE 2 - DUST, DIRT & EARTH



#### **DUST, DIRT & EARTH**

This time we will study the effects of Dust and Dirt using a wide range of products and painting techniques demonstrated by the worlds best modelers. The magazine explains in depth how to apply these effects on all types of models including figures, helicopters, trains, sci-fi and of course tanks. We will also enjoy again the company of our workmate Akatsiya. The modeler will want to collect each issue to create a bibliography of techniques, effects, references and inspiration. If you enjoyed FAQ2, then this is the magazine that you are searching for.

#### **Contents:**

- \*Chopper Dusting / John Murphy
- \*Panzer Grey & Dust / Carlos Cuesta
- \*Space Dust / Lincoln Wright \*Humbrol Dust / Carlos Cuesta
- \*Mucking up a Merkava/Chris Jerrett
- \*Dusty Cobblestone Road / John Murphy
- \*A Dusty Diorama / Rubén González \*Dust Brings a Tanker to Life/César Oliva
- \*Dusting Tiger Tracks / Carlos Cuesta

.MIG-4503

ISSUE 4 - ENGINES, FUEL & OIL

- \*Airbrushing Dust & dust Washes John Mumhy
- \*VK 4502 Dust & Dirt

- \*M1117 Guradian / Martin Kovác
- \*Dust Reference Photos
- \*Br39 Before & After/Mig Jimenez
- \*Dusty Ground
- Rodrigo Hernández Cabos
- \*Color Profiles / Claudio Fernández
- \*Postcards From the World
- Afghanistan

#### A.MIG-4502

**ISSUE 3 - CHIPPING** 



#### **CHIPPING**

In this issue we will describe in-depth the weathering effects, known as Chipping with the help of  $\boldsymbol{\alpha}$ wide range of products and the latest painting techniques, such as sponge, salt, specialist chipping products, brush, and masking fluids. As always these techniques will be demonstrated by some of the most talented modellers from around the World. This issue will explain these effects on a diverse range of modelling subjects, from accessories for figures to science-fiction and from old wooden horse-drawn carts to modern "big-rig" trucks and construction machines and of course a selection military vehicles and aircraft. As always the beautiful Akatsya will escort us through the features. The Weathering Magazine is the perfect painting reference source to collect and create the most comprehensive guide worthy of adding to any modelling reference library.

\*Sci-fi Scratching/Lincoln Wright

\*Peeling Wood Effects/Chuck Doon

\*Chipping the Focke out of it/Jamie Hagao

\*Basic Chipping on a Drilling/Lester Plaskitt

\*Chipping the Barn Door/Gunnar Bäumer

\*Wooden Cart / David Martí

\*Salt Technique / David Martí

\*Chipping Reference Photos

\*Postcards From the World/Greece

#### Contents:

- \*Diamon Reo Tractor / Rick Lawler
- \*Type 69 II C / Mig Jimenez
- \*Popular Chipping Effects / John Murphy \*Popular Techniques / Carlos Cuesta
- \*Micro Paint-Chipping / Wu Bayin
- \*Using Worn Effects / Jamie Haggo
- \*Nakajima KI-84/José L Edhaide
- \*Excavator Extreme Weathering

  John Murphy
- \*Chipping Modern Armour / Chris Jerrett \*Hairspray Steyr / John Tolcher
- \*Scratching & Chipping Accesories
- César Oliva



#### **ENGINE, FUEL & OIL.**

This time we will study the effects of Dust and Dirt using a wide range of products and painting techniques demonstrated by the worlds best modelers. The magazine explains in depth how to apply these effects on all types of models including figures, helicopters, trains, sci-fi and of course tanks. We will also enjoy again the company of our workmate Akatsiya. The modeler will want to collect each issue to create a bibliography of techniques, effects, references and inspiration. If you enjoyed FAQ2, then this is the magazine that you are searching for.

#### **Contents:**

- \*Maybach HL230 P30 Engine/David parker
- \*Asphalt Paving Machine / Rick Lawler
- Grease Girl / César Oliva
- \*Spills of Fuel, Oil and Grease /Rubén González
- \*F15 Jet Pipes / John Murphy
- \*Old & Forgotten WWII Aero Engine
- Jamie Haggo
- \*Oil & Grease on Modern Tanks/Mig.limenez
- \*Rocket Nozzles / John Murphy
- \*Weathering an Overused L4500R Engine Wu Bayin
- \*Oil Tank Weathering
- John Murphy
- \*Painting Engines
- Alex Uschi Van Der Rosten
- \*Diamond Reo Truck Engine / Rick Lawler
- \*Kröte / Lincoln Wright
- \*Weathered Motor / Marc Reusse \*Engines Oil & Fuel references
- \*Postcards From the World



#### **A.MIG-4504**

ISSUE 5 - MUD
The Weathering Magazine



#### **MUD**

This issue describes in-depth the techniques to create mud effects in all forms and environments . As always these techniques will be demonstrated by some of the most talented modellers from around the World. Explanations will cover a diverse range of modelling subjects, from figures to rally cars and of course a selection of military vehicles and science fiction subjects. Also a new section will cover paint on small scale vehicles for wargames. Finally a new and pretty character will escort us through the features, we are sure you will not want to miss. The Weathering Magazine is the perfect painting reference source to collect and create the most comprehensive guide worthy of adding to any modelling reference library.

#### **Contents:**

- \*Spanish Mudderland / Chris Jerrett
- \*Muddy Ameise Robot / Alexandre Duchamo
- \*WWI Stormtrooper/Rick Lawler
- \*Wet & Dry Mud on my Leopard 2A5
  Fabrizio Pinceli
- \*Mercury Cougar / Clay Kemp
- \*Splashes & Splatter / John Murphy
- \*A Tiger with Two Tales/Przemo Mrozek
- \*Mud over my S.A.F.S. /Lincoln Wright
- \*Autumn Road / Rubén Gonzalez
- \*Flames of Weathering
- Ruben Torregrosa
- \*Muddy Industrial Locomotive
- \*Soviet Spirit / Wu Bayin
- \*Mud Reference Photos
- \*Postcards From The World

#### **A.MIG-4505**

ISSUE 6 - KURSK & VEGETATION

The Weathering Magazine



#### **KURSK & VEGETATION**

Finally on sale the much anticipated issue 6 of The Weathering Magazine. We can finally enjoy an issue that will cover in depth the techniques needed to set our models in the largest tank battle of World War II, Kursk. From Tigers to Stuk as and the legendary T-34. Furthermore, this issue has 24 additional pages to learn and enjoy making vegetation for our dioramas and vignettes. As always, these techniques will be explained by the best modelers in the world. The Weathering Magazine is the perfect paint reference guide to collect and create the largest encyclopedia in a modeler's library, the essential reference for any modeler.

#### **Contents:**

- \*Kursk History of Failures /MigJimenez
- \*Buried Alive / Rick Lawler
- \*Soviet Steel Pride / Serguisz Peczeck
- \*Tank Buster / Javier López de Anca &
- Ricardo Abad Medina
- \*Tigers in the Dust / Pere Vals
- \*Heavy Hitter / Joaquín Garaía Gázquez
- \*ML-20 152 MM Howitzer Diorama
- \*Gardening The Backyard / Rubén González
- \*Deep Roots Scale Trees / Javier Soler
- \*A Rolling Stone Gathers No Moss Marc Reusser
- \*Nuclear Autumn in Pripyat
- Alexandre Duchamp
  \*Trucks, Trash and treasures
- Chuho Yoo
- \*Flames of Weathering
  Rubén Torrearosa
- \*Color Profiles / Claudio Fernández
- \*Choose the Right Products Vegetation

# **A.MIG-4506** ISSUE 7 – SNOW & ICE



#### **SNOW & ICE**

The theme of snow and ice is covered in depth with all of the techniques needed to set our models in a winter environment with plenty of Ice and Snow. From how to make a spectacular frozen diorama to adding subtle snow effects on a T34. Furthermore, this issue has 1 6 additional pages to learn and enjoy even more. As always, these techniques will be explained by the best modelers in the world. The Weathering Magazine is the perfect paint reference guide to collect and create the largest encyclopedia in a modeler's library.

#### **Contents:**

- \*Stug III \_ Winter Warrior / Sergiusz Peczeck
- \*Dragon Junkers JU 88-4 / Jamie Haggo
- \*Minoga / Jean-Bernard André
- \*Snowwagen SDKF 263 / Alex Clark
- \*Sailing the Frozen Seas / Rick Lawler
- \*Bandit at Five / Affor Azaue
- \*Chaos Frozem in Time /Diego Quiano \*Grober Hund (Snow Dog) /Kevin Derken
- \*Snow Plow / Clay Kemp
- \*122 mm. Cold Steel /John F. Steinman
  \*Conrail Expenn Central Boxcar / Jeff Meyer
- \*Winter Warrior Waffen-SS Grenadier Gurther Steinberger
- \*Choose the Right Products
- \*How to Make Snow an Ice
- Rodrigo Hernández Cabos
- \*Object 279 "cold warrior"

  Domingo Hernández
- \*Flames of Weathering / Rubén Torregrosa
- \*Postcards from the World

Malaga (Spain)

#### A.MIG-4507 ISSUE 8 – VIETNAM



#### **VIETNAM**

Issue 8 of The Weathering Magazine is now available - the Vietnam Issue. Within the pages we cover a wide range of topics and techniques all with the theme of Vietnam. You will learn how to create a spectacular jungle diorama and how to capture the characteristic soul colors for this theater. Matter of fact, we have so much to offer that this issue has 8 additional pages full of tip and techniques — more of everything for you to enjoy. As always, the best modelers in the world will explain these techniques. The Weathering Magazine is the perfect paint reference guide to collect and create the largest encyclopedia in a modeler's library; the essential reference for any modeler.

#### **Contents:**

- \*SdKfz 263 / Alex Clark
- \*M48 A3 Patton Prowling the Paddy Fields
- \*NVA Steel / lain Hamilton
- \*Vietnam Soil / kain Hamilton
- \*Nam Officers / Vladimir Demohenko
- \*Shark Attack / Yang Yu-Pei
- \*Call of the JUNGLE / Vladimir Demchenko
- \*F-4B Phantom II Death Rattlers VMFA-323 Jamie Haggo
- \*MIG 17 / Jamie Haggo

- \*The Reflective Tourist
- \*Full Metal Mech/Oishi
- \*Choose the Right Products
  Elizabeth Wiese
- \*Flames of Weathering
  Rubén Torregrosa
- \*Postcards from the World Sweden & Slovakia

#### **A.MIG-4508**

ISSUE 9 - K.O. AND WRECKS

The Weathering Magazine



#### **K.O. AND WRECKS**

The only magazine in the world devoted exclusively to the weathering effects and paint in general for all kinds of modeling. This issue is dedicated to destroyed, abandoned, and sunken vehicles. The best modellers in the world will offer a repertoire of exceptional examples and they explain with detailed step by step process, all the newest tricks and techniques to get your models represent similar conditions. From a totally abandoned "Walker" futuristic robot, a wooden sunk boat, a Tiran 5 absolutely burned or a jet fighter abandoned in the open. But you can also discover how to burn impacts and effects on a King Tiger or a weather a train wagon full of graffiti. TWM is a collectible magazine, 64 pages, printed on high quality glossy paper and full of useful items for any field of model. Available in 7 different languages, this is the most international magazine in the world.

#### **Contents:**

- \*Crestfallen / Kevin Derken
- \*The art of destruction / Saratchmod
- \*Thunderstruck / Jamie Haggo
- \*Burn out effects / Mig Jiménez
- \*Impact, wrecks & rust Sergio VIII én & Mig Jiménez
- \*Remembering 4th of july /Jonas Dahlberg
- \*Author's gallery / Jonas Dahlberg
- \*Twisted fate / Rick Lawler
- \*Rail art / Gary Christense
- \*Author's gallery /Shigeyuki Mizuno
- \*Flames of weathering / Rubén Torregrosa

### **A.MIG-4509** ISSUE 10 – WATER

The Weathering Magazine



#### **WATER**

The only magazine in the world devoted exclusively to the weathering effects and paint in general for all kinds of modeling. This issue is dedicated to water and moisture. The best modellers in the world will offer a repertoire of exceptional examples and they explain with detailed step by step process, all the newest tricks and techniques to get your models represent similar conditions. From ships at offshore to tanks out of the water or crossing rivers, seaplanes, standing water, streams and much more. TWM is a collectible magazine, 64 pages, printed on high quality glossy paper and full of useful items for any field of model. Available in 7 different languages, this is the most international magazine in the world.

#### **Contents:**

- \*Beneath the Baltic / Chris Floaberg
- \*Author's Gallery / Chris Flodberg
- \*Rotten to the core /lain Hamilton \*Splish Splash Lav taking a bath
- \*Splish Splash Lav taking a bath Sergio Fenoy
- \*Reflections / Jean-Bernard André
- \*The crossing / Diego Quijano
- \*A country lane / Rodrigo Hernández Cabos
- \*The hunters, the lovers and the weeping / Javier Saler
- \*Puddle jumper / Rick Lawler
- \*Author's gallery / Jean-Bernard André
- \*Postcards from the world / Malmö



#### 1945

The only modeling magazine in the world devoted entirely to paining and the effects of weathering. Featuring for the first time a very special and attractive subject for a lot of modelers - the year is 1945. For many, this year marks the climax of an evolution in camouflage and new designs in the German military. A special range which includes colors and patterns found on ground vehicles and aircraft. In addition, the vehicles at this time had a special appearance and some colors that were unique to this time. The Weathering Magazine takes a trip to the past through painting and effects, featuring some of the best modellers in the world and detailed "step by step" process of painting. This is undoubtedly the best issue of TWM to date, with unique graphic design and countless articles showing different styles of painting.

#### **Contents:**

- \*The "Peoples Fighter" / Yang Yu Pei
- \*Waffentrager / Sergiusz Peczek ,
- \*For Whom the Bell Tolls No Man's Land,
- Berlin 1945 / Bernard Bassous
- \*Der Führer / Juanma Vergara
- \*Enjoy the War (because the peace is going to be terrible) / José Luis López Ruiz
- \*Defending the Reich / Matt McDougall
- \*Heavy Weight Hunter / Oishi
- \*Focke Wulf Fw 1900-9 / Jamie Haggo
- \*Flames of Weathering / Rubén Torregrosa



#### A.MIG-4511

ISSUE 12 - STYLES
The Weathering Magazine



#### **STYLES**

The only modeling magazine in the world devoted entirely to painting and the effects of weathering faces a very special subject: the different painting Styles that cause furor nowadays in the modeling world.

Through 72 pages we'll discover new styles for some of us, such as Black & White, or the Japanese Style (J-Style). We will also show the classic styles like Realistic or Color Modulation. We will see a comparison in how to face the same model from two different angles and check that both results are equals in quality. In this case, with two F-16: one clean and the other very weathered.

As usual this magazine explains with detailed "step by step" articles how to perform every technique from some of the best modelers in the world. The definitive guide for learning to provide a new Style to our models and leave the routine.

#### Contents:

- \*Imperial Army Type 5 Chi-Ri / Antonio Perdices & José Luis López Ruiz
- \*Messerschmitt 262 / Bera Karoly
- \*Firelight / Jean-Bernard André
- \*F-16 Barak Israeli Defence Force/Airforce / Andy Brown
- \*Greek F-16 / Jamie Haggo
- \*The Sherman Exercise / Carlos Cuesta
- \*Author's Gallery / Imre Kovacs & Jozsef Reti
- \*Bring it On / Tamaki Maekawa
- \*Postcards from the World/Beijing-Hong Kong

#### A.MIG-4512

**ISSUE 13 - DESERT** 



#### DESERT

The Weathering Magazine is the only magazine devoted entirely to the painting and weathering techniques of scale models and figures. In this issue we examine the affects that this dry and harshe environment has on all types subjects: from a sweat stained grenadier, a dusty Panzer IV of the Afrika Korps, and Luke Skywalkers 'Landspeeder as it crosses the barren landscape of Tattooine. We also explore innovative methods for creating realistic dust effects on vehicle surfaces with some inovative techniques, and also how to depict a cracked and parched desert Wadi vignette. And of course, much more... As always, this magazine explains with detailed "step by step" articles, how to perform every technique as illustrated through high quality photos and concise descriptions by some of the finest modelers in the world. Printed on high quality glossy paper, TWM is a collectible resource packed with useful techniques and inspiration.

#### Contents

- \*Desert Fox / Martin Siska
- \*What Freedom / Jean-Bernard André
- \*In a Desert, Far...Far...Away / Roberto Aguilera
- \*New Dust Technique / Mig Jimenez
- \*"Chivalrous in War, Vigilant for Peace"

  (Erwin Rommel) /Janna Vergara
- \*Desert Patrol / Oishi
- \*The Road Warrior / Diego Quijano
- \*Wadi ya Think / Gabin "slardy" Clarke
- \*Katie in the Desert / Mark Chisholm



#### **HEAVY METAL**

The Weathering Magazine is the only magazine devoted entirely to the painting and weathering techniques of scale models and figures. In this issue we examine how to paint all kinds of metals including a golden C3PO, aluminium aircraft, jet exhausts, rusty metal plates, and much more. We will also find how to use different types of paints and techniques such as lacquers, acrylics, and enamels to obtain realistic metallic surfaces. Although our focus will be HEAY METAL, this world class compilation of modelers offers a wide range of techniques and tips for all manner of techniques. As always, this magazine explains with detailed "step by step" articles, how to perform every technique as illustrated through high quality photos and concise descriptions by some of the finest modelers in the world. Printed on high quality glossy paper, TWM is a collectible resource packed with useful techniques and inspiration for all genres and skill levels.

#### **Contents:**

- \*Some Kind of Monster / Jari Hemilä
- \*So Lonely / Jamie Haggo
- \*Knight Time Story / Juanma Vergara
- \*Burning for You / Jamie Haggo
- \*I'm Quite Beside Myself / Roberto Aguilera
- \*I Am Candy (color) Man /lvan Calomarde "ifaaa"
- \*Battle of the Bands (Laquers vs Acrylic)
- / Alex Kutovenko
- \*Ogre Berserker / Claudia Zuminich

- \*Metal Plates / Sergiusz Peczek
- \*The Last Stop
- (Where Trains go to Die) / Rick Lawler
- \*Postcards from the World/
- MERCOPLASTI, Santa María, Brasil

#### **A.MIG-6011**

TWM Special - World War I % pages





This the first Special Issue of the Weathering Magazine, the only modeling publication completely devoted to painting and weathering techniques. For this special edition we've chosen WWI as a subject. An historical introduction by the well-renown author Daniele Gugliemi, fruit of a in depth research work is included. Throughout 76 pages and over 200 pictures you'll find detailed step-by-step articles showing different camouflage schemes, AFV painting techniques and a host of realistic weathering effects to take any model back to the battlefields of the Great War. All these techniques are valid for any WWI vehicle.

This volume is complemented by the 24-page paperback 'The Great War', a comprehensive guide with over 30 color profiles of this era camouflage schemes. Free and only available purchasing the TWM special.









#### **DIGITAL VERSION**

THE WEATHERING MAGAZINE
Available on the App Store, Google play, PC & Mac.

Avaible on **Ipad App**Avaible on **Android App**Avaible **Online** on **Wndows** and **Mac** computers.
Avaible **Offline** app on **Windows** computers.





































As it could not be any other way we have adapted our magazine to new trends in publishing. Born therefore the digital version. It is the perfect complement that will give greater freedom to the power handle in multiple devices and will allow you to make use of features that the physical magazine can not (large images, direct link with additional information,...). A project that we will expand with new functionalities, thereby increasing the usability of the publication.

info, sales & support at:

www.theweatheringmagazine.com











# Auxiliary products

#### A.MIG-2000 ACRYLIC THINNER

Water based thinner specifically designed for use with Ammo acrylics, but compatible with other acrylic brands as well. Non-toxic and odorless



### A.MIG-2001

CLEANER

Cleaning solution designed for removing acrylics from brushes and airbrushes. Non-toxic.



#### A.MIG-2010 SCRATCHES EFFECTS

Odorless fluid to create Scratches Effects.





#### A.MIG-2011

HEAVY CHIPPING EFFECTS
Odorless fluid to create Heavy Chipping Effects.





#### A.MIG-2012 SAND & GRAVEL GLUE

Glue for different materials such gravel, sand, stones.  $_{\rm 100\,\it ml}$ 





#### A.MIG-2015

WET EFFECTS

Special semi-glossy liquid to create wet effects and water.





### A.MIG-2018 ENAMEL OUDERLESS THINNER

Perfect enamel thinner for weathering effects.

Our odorless thinner is specifically designed for use with Ammo Washes and Effects allowing you the greatest flexibility to create any density of effect.

Jar of 35 mL.



#### A.MIG-2019 ENAMEL OUDERLESS THINNER

Perfect enamel thinner for weathering effects.

Our odorless thinner is specifically designed for use with Ammo Washes and Effects allowing you the greatest flexibility to create any density of effect.

Jar of 100 mL.



# Burnishing products



#### A.MIG-2020 BURNISHING FLUID Burnishing agent for metallic-tracks 100 ml

Burnishing agent for white metal tracks of any brand. In just few minutes you can blacken metallic tracks in a realistic dark rust color. The result is also matt, durable, and permanent so it is the perfect base for later treatments with pigments or paints.



# A.MIG-2021 PHOTOETCH BURNISHING FLUID Burnishing agent for photoetch

Burnishing agent for photo etch parts and brass barrels. Instant blackening for turned brass barrels and photo etch within about 3-5 minutes. Photo etch Burnishing Fluid also blackens tin solder used for soldering Photo-etch for a uniform effect.





# Begetation

AMMO offers a wide range of hyper-realistic products to help the modeller represent natural environments and details quickly and easily Nature: for vignettes, dioramas, or simply detailing our kits with a final touch of reality. A wide range of options are available with AMMO's 3 main lines of Vegeta-

-Leaves: Laser Cut scale leaves in painted paper. Perfect to add a final touch of realism to all genre of modelling in most common scales. Up to 300

leaves included per package.
-Plants: Highly detailed laser cut paper plants. Accurately add realistic vegetation to ground work, dioramas, vignettes, and figure displays. Ideal for adding realistic and versatile vegetation details.

Grass Matts: This innovative product represents terrain in a realistic including scrub brush, earth, vegetation, and common colors in each land-scape. You can use it directly as a base for vehicles or figures without the need for painting. You can also cut through easily with scissors and adapt to roads and path shapes to create great scenarios and dioramas. Dimensions

230 x 130 mm.
Each Vegetation Product can easily be placed with white glue, and simply cut to the ideal size, making these products optimal for scales 1:48, 1:35,

AMMO ofrece una amplia gama de productos hiperrealistas para ayudar al Modelista a representar paisajes naturales de manera rápida y sencilla en dioramas, viñetas o sencillamente detallando nuestras piezas con un

toque final de realismo. Para ello AMMO tiene tres líneas principales de productos de Vegetación:
-Hojas: hojas de papel pintado cortadas a laser. Perfectas para añadir ese toque final de realismo a todo tipo de maquetas. Más de 300 hojas por

toque final de realismo à lodo lipo de maquelas. Mas de cost hojas paquete.
-Plantas. Hiper detalladas plantas de papel cortadas a laser. Perfectas para añadir vegetación realista a los terrenos en dioramas, viñetas o peanas de figuras. Suponen un añadido realista y versátil en nuestros trabajos.
-Matojos de hierba: innovador producto para representar terrenos de la manera más realista, incluyendo la hierba, matojos, tierra, vegetación de todo tipo y los colores de numerosos tipos de paisajes. Se pueden usar directamente como base para un vehículo o figuras sin necesidad de pintar. También se pueden cortar con tijeras para adaptar a las formas del terreno y crear increfbles escenarios y dioramas. Dimensiones 230 x 130 mm.

y crear increíbles escenarios y dioramas. Dimensiones 230 x Cada producto de vegetación puede ser pegado fácilmente c cola blanca y recortando al tamaño deseado. Estos product para las escalas 1:48, 1:35, and 1:32.

#### MAPLE - AUTUMN Super realistic maple leaves

Autumn maple leaves made of printed paper cut by laser, super realistic and in high detail. Perfect to add a final touch of realism to your diorama, vehicles or figures. Easy to paste with a Little bit of White glue. Theirs size makes them optimum to scales 1:48, 1:35 or 1:32.





# OAK - AUTUMN

Super realistic autumn oak leaves

Autumn oak leaves made of printed paper cut by laser, super realistic and in high detail. Perfect to add a final touch of realism to your diorama, vehicles or figures. Easy to paste with a Little bit of White glue. Theirs size makes them optimum to scales 1:48, 1:35 or 1:32.





# A.MIG-8402 OAK - DRY LEAVES

Super realistic dry oak leaves.

Dry oak leaves made of printed paper cut by laser, super realistic and in high detail. Perfect to add a final touch of realism to your diorama, vehicles or figures. Easy to paste with a Little bit of White glue. Theirs size makes them optimum to scales 1:48, 1:35 or 1:32.





#### .MIG-8403

**OAK - DECAYING LEAVES** Super realistic decaying oak leaves.

Decaying oak leaves made of printed paper cut by laser, super realistic and in high detail. Perfect to add a final touch of realism to your diorama, vehicles or figures. Easy to paste with a Little bit of White alue. Theirs size makes them optimum to scales 1:48, 1:35 or 1:32.





#### A.MIG-8404 LIME – AUTUMN

Super realistic lime leaves

Lime leaves made of printed paper cut by laser, super realistic and in high detail. Perfect to add a final touch of realism to your diorama, vehicles or figures. Easy to paste with a Little bit of White glue. Theirs size makes them optimum to scales 1:48, 1:35 or 1:32.





#### A.MIG-8405 LIME - DRY LEAVES

Super realistic dry lime leaves.

Dry lime leaves made of printed paper cut by laser, super realistic and in high detail. Perfect to add a final touch of realism to your diorama, vehicles or figures. Easy to paste with a Little bit of White glue. Theirs size makes them optimum to scales 1:48, 1:35 or 1:32.





#### A.MIG-8406 BIRCH – AUTUMN Super realistic birch leaves.

Birch leaves made of printed paper cut by laser, super realistic and in high detail. Perfect to add a final touch of realism to your diorama, vehicles or figures. Easy to paste with a Little bit of White glue. Theirs size makes them optimum to scales 1:48, 1:35 or 1:32.





#### A.MIG-8407 BIRCH - DRY LEAVES

Super realistic dry birch leaves.

Dry birch leaves made of printed paper cut by laser, super realistic and in high detail. Perfect to add a final touch of realism to your diorama, vehicles or figures. Easy to paste with a Little bit of White glue. Theirs size makes them optimum to scales 1:48, 1:35 or 1:32.





#### A.MIG-8408 TROPICAL LEAVES Super realistic tropical leaves.

Tropical leaves made of printed paper cut by laser, super realistic and in high detail. Perfect to add a final touch of realism to your diorama, vehicles or figures. Easy to paste with a Little bit of White glue. Theirs size makes them optimum to scales 1:48, 1:35 or 1:32.





#### **A.MIG-8450**

FERN

Laser Cut Ferr

Super realistic and high detailed laser cut fern. These fern are perfect to add a final touch of realism to your diorama, vehicles or figures. Theirs size makes them optimum to scales 1:48, 1:35 or 1:32.





#### A.MIG-8451 MARSH MARIGOLD

Laser cut marsh marigold

Super realistic and high detailed laser cut marsh marigold flowers. These marsh marigold are perfect to add a final touch of realism to your diorama, vehicles or figures. Theirs size makes them optimum to scales 1:48, 1:35 or 1:32.





# A.MIG-8452 JUNGLE LEAVES

Super realistic laser cut jungle leaves

Super realistic and high detailed laser cut jungle leaves. These leaves are perfect to add a final touch of realism to your diorama, vehicles or figures. Theirs size makes them optimum to scales 1:48, 1:35 or 1:32.





#### **A.MIG-8453 TROPICAL FERN**

Super realistic laser cut tropical fern.

Super realistic and high detailed laser cut tropical fern. These fern is perfect to add a final touch of realism to your diorama, vehicles or figures. Theirs size makes them optimum to scales 1:48, 1:35 or 1:32.





#### **A.MIG-8454 GROUND PALMS**

Super realistic laser cut ground palms.

Super realistic and high detailed laser cut ground palms. These palms are perfect to add a final touch of realism to your diorama, vehicles or figures. Theirs size makes them optimum to scales 1:48, 1:35 or 1:32.





# A.MIG-8455 HART'S TONGUE

Super realistic laser cut Harth's Tongue plants.

Super realistic and high detailed paper laser cut Harth's Tongue. 18 plants includ-ed. These plants are perfect to add a final touch of realism to your diorama, vehicles or figures. The size makes them optimum for scales 1:48, 1:35, and 1:32.





# A.MIG-8456 COMMON SEDGE

Super realistic laser cut Common Sedge plants.

Super realistic and high detailed paper laser cut Common Sedge. 18 plants includ-ed. These plants are perfect to add a final touch of realism to your diorama, vehicles or figures. The size makes them optimum for scales 1:48, 1:35, and 1:32.





#### A.MIG-8457

**DRY FERN** 

Super realistic laser cut Dry Fern plants.

Super realistic and high detailed paper laser cut Dry Fern. 18 plants included. These plants are perfect to add a final touch of realism to your diorama, vehicles





# Grass Mats

You can use it directly as base for vehicles or figures without the need for painting. You can also cut through easily with scissors and adapt to roads and paths shapes to create great scenarios and dioramas. It can be easily attached with white glue. The most effective way to set our vehicles or help us to create a diorama. Dimensions 230 x 130 mm.

#### .MIG-8350 STONY STEPPE

Realistic ground with vegetation.

This product represents a stony steppe in a realistic way, including bush, rocks, earth and usual colors in this landscape



#### A.MIG-8351

STONY MOUNTAIN GROUND

Realistic ground with vegetation.

This product represents a stony mountain ground in a realistic way, including bush, rocks, earth and usual colors in this landscape



#### A.MIG-8352

PINEWOOD FOREST BASE

Realistic ground with vegetation.

This product represents a pinewood forest ground in a realistic way, including bush, rocks, earth and usual colors in this landscape



#### A.MIG-8353

SPRING STEPPE Realistic ground with vegetation.

This product represents a spring steppe ground in a realistic way, including bush, rocks, earth and usual colors in this landscape



#### A.MIG-8354

TURFS LIGHT GREEN Realistic ground with vegetation.

This product represents somewhat dry turfs in a realistic way, including earth, vegetation and usual colors in this landscape



#### A.MIG-8355

TURFS MIDDLE GREEN Realistic ground with vegetation.

This product represents green and wet turfs in a realistic way, including earth, vegetation and usual colors in this landscape.



#### A.MIG-8356

TURFS - SMALL MIXTURE Realistic ground with vegetation.

This product represents short cut turfs in a realistic way, including earth, vegetation and usual colors in this landscape



#### A.MIG-8357

**AUTUMN TURFS** 

Realistic ground with vegetation.

This product represents autumn turfs in a realistic way, including earth, vegetation and usual colors in this landscape



### A.MIG-8358

STONY MOUNTAIN - SPRING

Realistic ground with vegetation.

This product represents a stony mountain ground in the in a realistic way, including bush, earth, vegetation and usual colors in this landscape



# Accessories

#### **A.MIG-8001**

#### **WORKBENCH ORGANIZER**

The easiest way to organize paints and brushes in your workbench for the specific requirements of each project. Workbench Organizer includes 12 holes for brushes, 21 spaces for 17 mL acrylic jars (25 mm width) and 17 holes for 35 and 60 mL jars (35 mm width).

<code>Dimensions:</code> 14.5 cm (depth)  $\times$  9.5 cm (tall)  $\times$  40 cm (high) Easy to assembled in just few second. Lacqued in white color.



#### **A.MIG-8002**

#### MINI WORKBENCH ORGANIZER

The most convenient way to organize the paints and brushes with which we are working at the time. This small organizer allows us to put 5 jars with which we are going without the risk of rolling over, either 17 or 35 mL interchangeably. It also allows you to place a plastic cup or bottle of 100 mL and 10 brushes. Its small size makes it perfect to help paint anywhere no matter how small the space available is. A perfect solution also for travel or modeling meetings.



#### **A.MIG-8005**

#### 17 mL AMMO STORAGE SYSTEM

Shelves optimized to store 60 cans of 17 mL in the smallest possible space. The bottles are stored at an angle minimizing its size and allows us to find our colors at a glance. Size 40 x 30 x 6.5 cm. It can be placed on a table or hung on the wall. Easy to assemble in minutes. Requires white glue not included.



#### A.MIG-8006

#### 35 ml AMMO STORAGE SYSTEM

Shelves optimized to store 45 cans of 35 mL in the smallest possible space. The bottles are stored at an angle minimizing its size and allows us to find our colors at a glance. Size  $40\times30\times6.5$  cm. It can be placed on a table or hung on the wall. Easy to assemble in minutes. Requires white glue not included.



#### A.MIG-8014

#### TAMIYA/MR COLOR AMMO STORAGE SYSTEM

Storage for 54 bottles of 34 mm wide

Shelves optimized to store 54 individual jars of Tamiya / Mr Color style 10ml (1/3 oz), 34 millimeters wide bottles in the smallest possible space. The bottles are stored at an angle minimizing its size and allows us to find our colors at a glance. Size 40 x 30 x 6.5 cm. It can be placed on a table or hung on the wall. Made of Wooden fiber, it is easy to assemble in minutes. Requires white glue not included



#### **A.MIG-8012**

#### **CAMOUFLAGE MASKING PUTTY**

80 grams of high quality masking putty in metallic jar.

#### Webshop only.

Universal Masking agent for all genre and scales. Specially designed formula for multiple uses and easy clean up. Camouflage Masking Putty easily conforms to all surfaces and details, allowing for both hard and soft edge camouflages. Camouflage Masking Putty is specially designed to leave NO residue on surfaces. It is also very easy to remove. From camouflage patters both simple and complex, to practical applications such as masking canopies and road wheels, A.MIG-8012 is one of the most advanced masking options available.



# A.MIG-8003 STAINLESS STEEL PAINT MIXERS

This set includes more than 80 stainless steel balls perfect for use as agitators in any paint. Add a pair to your jars and paint work will be much easier, faster, and effective. To make a paint reach its optimum performance, it is necessary that all components are thoroughly mixed. Valid for acrylics, lacquers, enamels and any other type of liquid paint. Will not rust or alter the color.



# A.MIG-8004 SPARE JARS FOR MIXES

Save your paint mixtures in these jars easily and effectively. The pack contains 4 boxes of 17 mL ready to use. Each jar includes a steel agitator to help mix the colors and a dispenser for easy use.



#### A.MIG-8013

#### SLOW DRY CYANOACRYLATE

Fluid and Long lasting shelf life Cyanoacrylate

Highest quality and Long life cyanoacrylate glue, excellent long lasting shelf life. Dry time allows additional seconds to apply and glue. It takes an hour when you have some drops in a pallet. It is very fluid and can flow by capillarity through seems and joints. Just apply a few drops of glue on one of the pieces to be joined. Apply pressure for 3 to 10 seconds.





#### **A.MIG-8008**

**ALUMINIUM PALLET (6 WELLS)** 

Aluminum palette with 6 wells.

It is resistance to all types of paints and chemicals making this a fundamental tool ideal for the workbench of any modeller.



#### **A.MIG-8009**

**ALUMINIUM PALLET (10 WELLS)** 

Aluminum palette with 10 wells.

It is resistance to all types of paints and chemicals making this a fundamental tool ideal for the workbench of any modeller.





## ACCESSORIES

Finally we have available the long awaited retail racks to easily organize and display AMMO paints in your business. We have designed it considering all your needs in the best way possible:

- Provides an attractive design that will appeal to your customers.
- Its rear includes very useful information to help you choose the products and answer questions from your customers.
- Display rack is plastic so it is lightweight, and easy and cheap to transport or ship.
- Its removable trays allow it to be removed easily for stocking and accurate inventory.

#### **PAINT RACKS**

A.MIG-8150 Acrylic full
A.MIG-8151 Acrylic empty



A.MIG-8152 Enamel full
A.MIG-8153 Enamel empty



Modular and removable trays. Easy to fill with new jars. They can be removed for transport to model contests and events. 17ml and 35ml trays can be combined.

Bandejas modulares y extraibles. Fáciles de rellenar. Se pueden extraer para su transporte a concursos y eventos. Se pueden combinar las bandejas de 17mL y las de 35mL.















Paint Rack Back side.
Color guide instructions included to help to the modelers.
Parte trasera delExpositor de pinturas.
Se incluye una completa guia de colores para modelistas.

New type: 1 module Paint Rack. Nuevo Expositor de un módulo.

Expositor de pinturas vacio.





#### **A.MIG-8050**

**WOODEN BASE 28 x 16 x 5** 

Base in bayous wood, light but strong. Its glossy black lacquered finish will highlight and facilitate the exposure of any model.

Perfect for large vehicles and scenes.



#### A.MIG-8051

**WOODEN BASE 24 x 15 x 5** 

Base in bayous wood, light but strong. Its glossy black lacquered finish will highlight and facilitate the exposure of any model.

Perfect for medium vehicles and small scenes.





#### A.MIG-8052

**WOODEN BASE 17 x 12 x 4** 

Base in bayous wood, light but strong. Its glossy black lacquered finish will highlight and facilitate the exposure of any model.

Perfect for small vehicles of any kind and small scenes or vignettes.



# **A.MIG-8053** WOODEN BASE 12 x 8 x 3

Base in bayous wood, light but strong. Its glossy black lacquered finish will highlight and facilitate the exposure of any model.

Perfect for small vehicles and vignettes







# **A.MIG-8011** 1945 T-SHIRT

Special T-shirt, limited edition, commemorating the end of World War II. Military green and silkscreen printed in two colors on the front and sleeve.

Before buy, choose your size M, L, XL or

Götterdämmerung

# A.MIG-8015 AMMO SPECIAL

**FORCES T-SHIRT** 

Limited Edition AMMO T-shirt, perfect to wear at model shows or events. Dark blue color. 100% cotton and available in sizes S, M, L, XL and XXL.





#### A.MIG-8000 T-SHIRT

Corporate STAFF AMMO T-shirt, perfect to wear at model shows or events.

100% cotton and available in size M, L, XL and XXL Limited edition.



#### A.MIG-8007 AMMO SWEATSHIRT

Protect yourself from the winter cold while you make models or attend shows with this sweatshirt. 80% cotton □20% poliester and available in sizes S, M, L, XL, XXL and 3XL. Limited edition.

For better conservation we recomend a cold wash, don't use dryer and iron on reverse side.



#### A.MIG-8100 GERMAN EAGLE CANVAS LIMITED EDITION

The stone German eagle represents the dark era of the German Empire during years 30's and 40's. A time which also represents the evolution of machines and technology that provided the development of tanks, aircraft, and the machinery of war. Features a German eagle with a retro aesthetic in warm tones.



# A.MIG-8101 USA EAGLE CANVAS LIMITED EDITION

Perhaps the US Bald Eagle is the world's most famous icon. The '40s and '50s were a time of glory and show of force in the United States of America. This image evokes the victory in Europe and the war in Korea. The USA has created an aesthetic and a style that marked the history of the military industry and pop art.



#### A.MIG-8102 RUSSIAN EAGLE CANVAS LIMITED EDITION

Undoubtedly, at present, the most representative image is the popular Russian double headed eagle. The golden eagle is the symbol of a nation that has managed to renew and modernize. Tanks, planes, and helicopters are symbolic for all lovers of Russian technology represented by this great image.



# Collaborations

Krupp 21 cm Mörser 10/16

collaborates with several reputable plastic brands developing color instructions for kits. These plastic lave chosen AMMO as a partner because of our accuracy and deep research of historical colors as well in high quality paint products. Also AMMO is always developing new colors to fit plastic market trends, www.l.vehicles, Russian modern vehicles and others. Our research and collaboration helps modelers e the right color easily and accurately. Here you can see some examples of color sheets done since 2014.

AMMO colabora con varias marcas de maquetas de plástico de gran prestigio desarrollando las instrucciones de pintura para sus kits. Estas marcas de plástico han escogiado a AMMO como colaborador para esta tarea debido a nuestro conocimiento exacto y profundo de los colores históricos, así como por la alta calidad de sus productos de pintura. Además AMMO está continuamente desarrollando nuevos colores que esta continuamente desarrollando nuevos colores que encajen en las últimas tendencias del mercado de plástico, tales como los vehículos de la Primera Guerra Mundial, Rusos modernos, etc. Nuestra investigación y colaboración ayuda al modelista a escoger el color correcto fácilmente. Aquí puedes ver algunos ejemplos de instrucciones de color realizadas desde 2014.





















